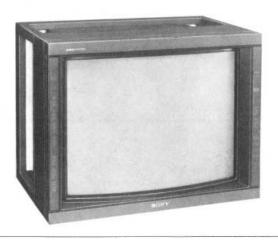
SERVICE MANUAL

US Model Canadian Model

Chassis No. SCC-A58A-A



December, 1986

THIS MANUAL CONTAINS SUPPLEMENTS No. 1.

SPECIFICATIONS

Note: The service manuals for RM-739 have been issued separately.

Color system

NTSC system

Picture tube

Trinitron tube

Approx. 63.5 cm picture measured diagonally,

100-degree deflection, AG Pitch 0.73 mm

Resolution

VTR inputs: 560 TV lines

RGB inputs: 640 × 200 dots (2000 characters)

Color temperature

9300°K

Frequency response

10 MHz (-3 to + 4 dB, RGB)

6 MHz (+3 dB, composite video)

Horizontal linearity

Less than ±5%

Vertical linearity

Less than ±5%

Line pull range

Horizontal: +500 Hz

Vertical: -8 Hz

Overscan of the picture

Less than +7%

Input return loss Zooming

More than 35 dB up to 4 MHz

Within 5%

Convergence

Central area: within 1.0 mm

Periphery: within 1.8 mm

Inputs

VIDEO IN:

LINE A/B: BNC connector

composite video, 1 Vp-p ±6 dB, sync negative,

75-ohms termination switchable

VTR: 8-pin connector.

composite video, 1 Vp-p ±6 dB,

sync negative, 75-ohms terminated

AUDIO IN:

LINE A/B: Phono jack,

-5 dBs, high impedance

VTR: 8-pin connector, -5 dBs,

high impedance

CMPTR 25-pin connector (See "Pin assignment")

Outputs

VIDEO OUT:

LINE A/B: BNC connector

AUDIO OUT:

LINE A/B: Phono jack

SPEAKER:

8 ohms

Power requirements

120 V AC, 50/60 Hz

Power consumption

180 W max

Dimensions

Approx. 653 × 508 × 491 mm (w/h/d)

(253/4 × 20 × 193/8 inches)

Weight

Approx. 53 kg (116 lb 14 oz)

Supplied accessories

Remote commander RM-739, with 2 batteries

BNC-Phono adaptor plug.......4

Optional accessories

SU-539 TV stand

SU-541 TV stand

SS-X6A speaker system

APM-X5A speaker system

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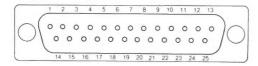


TRINITRON COLOR VIDEO MONITOR SONY



CMPTR connector (25-pin)

Pin assignment



Pin No.	Signal	Signal level
1*	IBM select	High state (5 V): IBM mode Low state: 3 Bit TTL
2	Audio select	High state (5 V or open): Audio inputs from pin 13. Low state (less than 0.4 V): Audio inputs from the LINE A AUDIO IN jacks
3	H. sync or composite sync	Negative polarity When the high state is selected at pin 9: 1 Vp-p, 75-ohm terminated When the low state is selected at pin 9: TTL level
4	Blue input	Positive polarity When the high state is selected at pin 9: Analog signal (0.7 Vp-p, 75-ohm terminated, non sync
5	Green input	1 Vp-p, 75-ohm terminated, with sync on G-signal) When the low state is selected at pin 9:
6	Red input	Digital signal (TTL level)
7		
8	No connection	_
9*	Analog/digital mode select	High state (open): Analog signal (0.7 Vp-p) Low state (ground): Digital signal (TTL level)
10	RGB/NORMAL mode select	High state (5 V or open): RGB inputs from a microcomputer Low state (ground): Composite video inputs from the LINE A/LINE B VIDEO IN or VTF connector
11	V-sync	Negative polarity TTL level
12	Blanking	High state (5 V or open): Video inputs from a microcomputer only Low state (ground): Composite video input from the LINE A/LINE B VIDEO IN or VTR connector During the low state, the video signal from the microcomputer is blanked and the composite video signal from the LINE A/LINE B VIDEO IN or VTR connector is superimposed over the signal from the microcomputer.
13	Audio input	Input level -5 dB (100% modulation), input impedance more than 47 k ohms
14	No connection	
15-24	Ground	
25*	IBM luminance signal	Positive polarity When the high state is selected at pin 1: TTL level When the low state is selected at pin 1: Low state (ground)

Design and specifications subject to change without notice.

TROUBLESHOOTING

If these symptoms occur when you begin operation, follow the suggestions below.

SYMPTOMS	CORRECTIONS						
No controllable keys although the POWER switch is turned on.	Press the CONTROL key.						
No indication appears although the CONTROL key is pressed.	Set the MANUAL CONTROL switch on the rear panel to ON.						
Remote control is not possible.	Set the REMOTE CONTROL switch on the rear panel to ON.						

If the problem still cannot be solved, contact your authorized Sony dealer.

SAFETY CHECK-OUT

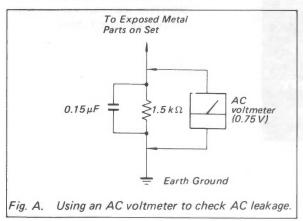
(US model only)

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

- 1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
- Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
- 3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
- 4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
- Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
- Check the line cord for cracks and abrasion.
 Recommend the replacement of any such line cord to the customer.
- 7. Check the condition of the monopole antenna (if any).

Make sure the end is not broken off, and has the plastic cap on it. Point out the danger of impalement on a broken antenna to the customer, and recommend the antenna's replacement.

- 8. Check the B+ and HV to see they are at the values specified. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
- Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.



LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

- A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
- A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
- 3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60–100 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)

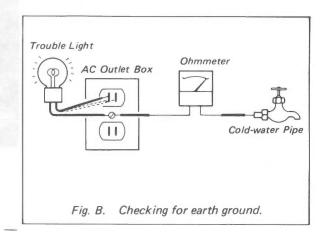


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SAFETY-RELATED COMPONENT WARNING!

COMPONENTS IDENTIFIED BY SHADING AND MARK

ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

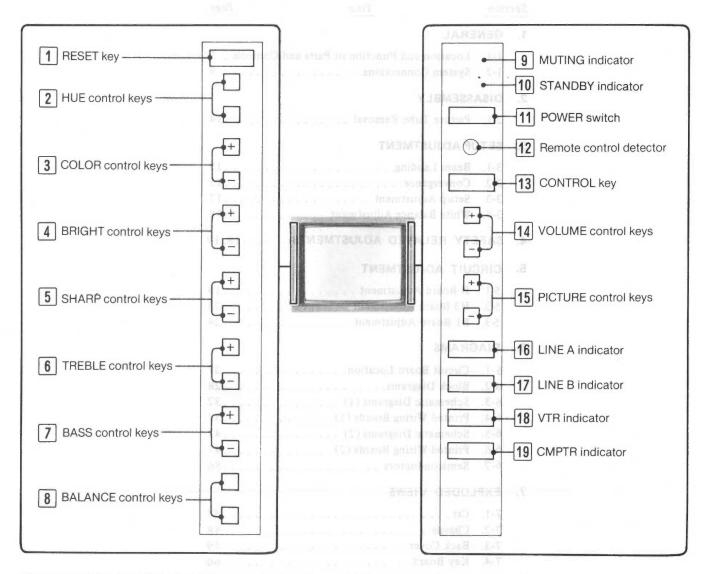
ATTENTION AUX COMPOSANTS RELATIFS À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÈS PAR UNE TRAME ET PAR UNE MARQUE A SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLOSÉES ET LES LISTES DE PIECES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÉCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY, LES RÉGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT SONT IDENTIFIES DANS LE PRÉSENT MANUEL, SUIVRE CES PROCÉDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT EST SUSPECTÉ.

SECTION 1

GENERAL

1-1. LOCATION AND FUNCTION OF PARTS AND CONTROLS Front panel



• Press CONTROL key after power is turned on to light the control keys or indicators.

The following control keys are effective only when MANUAL CONTROL switch on the rear panel is set to ON.

1 RESET key

Press this key to return to the standard setting.

• This key is effective only for the control keys on the left.

2 HUE control keys

Press the GRN (green) key to make the skin tones greenish or the PUR (purple) key to make it purplish.

3 COLOR control keys

Press the + key to make the color intensity vivid or the – key to make it pale.

4 BRIGHT (brightness) control keys

Press the + key to make the picture brighter or the - key to make it darker.

5 SHARP (sharpness) control keys

Press the + key to obtain a sharp picture or the - key to obtain a less sharp picture.

6 TREBLE control keys

Press the + key to increase the treble (high tone) or the - key to decrease it.

7 BASS control keys

Press the + key to increase the bass (low tone) or the - key to decrease it.

8 BALANCE control keys

Press the L key to increase the sound volume of the left speaker or the R key to increase the sound volume of the right speaker.

9 MUTING indicator

Illuminates while the sound is muted.

• Muting is controlled only by a remote commander.

10 STAND BY indicator

Illuminates when the POWER switch is turned off.

11 POWER switch

Press this switch to turn the monitor on. Press this switch again to turn it off.

- When the monitor is turned on, the settings of the monitor are the same as when it was last turned off.
- For a few seconds after turning on the monitor the color of picture may vary because the white balance is adjusted at this time. This is not a problem.

12 REMOTE control detector

The beam from the Remote Commander is received here.

13 CONTROL key

Press this key to illuminate the keys and indicators on the front panel.

Press this key again to extinguish them.

14 VOLUME control keys

Press the + key to raise the volume or the - key to lower it

15 PICTURE control keys

Press the + key to make the contrast, color intensity and brightness stronger or the – key to make them weaker.

16 LINE A indicator

- 17 LINE B indicator
- 18 VTR indicator

19 CMPTR (computer) indicator

When the input source is selected, each indicator:

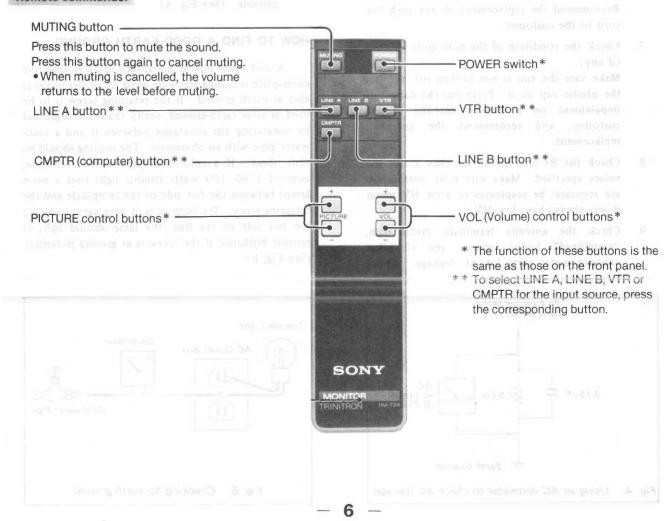
- Blinks if the indicators and keys excepting input source indicators illuminate.
- Illuminates if they are extinguished.

Key illumination

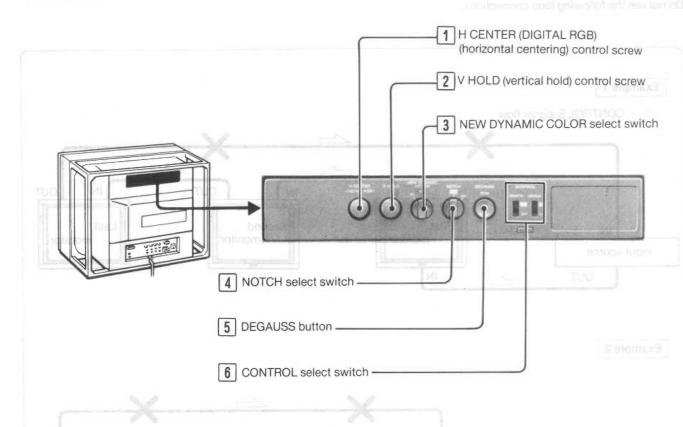
For the keys 1 through 8, 14 and 15:

- While each key is pressed, it blinks, indicating that adjustment is going on.
- During adjustment, if the adjustment value reaches the limit, the blinking speed becomes slower.

Remote commander







H CENTER (DIGITAL RGB) (horizontal centering)
control

When the picture of DIGITAL RGB input is distorted horizontally, correct it with this control.

2 V HOLD (vertical hold) control

When the picture rolls vertically, correct it with this control.

3 NEW DYNAMIC COLOR select switch

Normally set to ON, which makes it possible to obtain natural skin tone and "blueish white".

4 NOTCH select switch

Normally set to OFF.

To eliminate notches forming along the horizontal boundary between the colors, set this switch to ON.

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5 DEGAUSS button

Push this button for more than 5 seconds to demagnetize the screen.

(Just a touch may make the screen more magnetized.) Wait for 10 minutes or more before activating this button again.

6 CONTROL select switches Normally set to ON.

REMOTE CONTROL switch

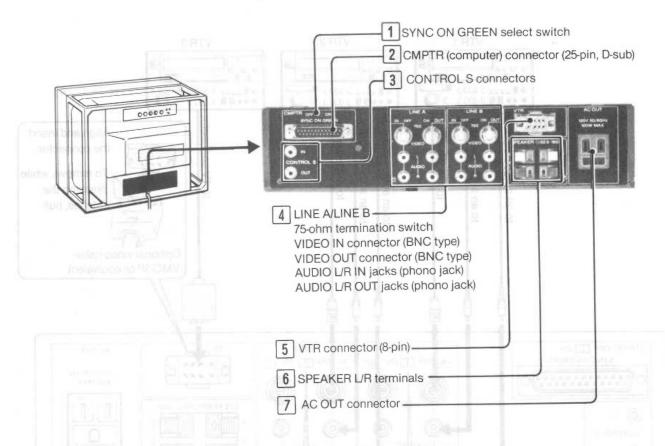
Set this switch to ON to control the monitor with a Remote Commander.

If this switch is set to OFF, the remote control is not possible.

MANUAL CONTROL switch

Set this switch to ON to control the monitor manually. To make the manual control of the control keys or switches on the front panel impossible, distinguish the indicators by pressing the CONTROL key on the front panel and set this switch to OFF. (However remote control is possible if REMOTE CONTROL switch is set to ON.)

Connectors



1 SYNC ON GREEN select switch

When an RGB input source is connected to CMPTR connector, set this switch to:

ON to synchronize with the sync signal on G-signal. **OFF** to synchronize with H./V. sync signal or composite sync signal.

2 CMPTR (computer) connector (25-pin, D-sub)

Connect to a microcomputor with digital or analog RGB outputs.

For the pin assignment, refer to SPECIFICATIONS.

3 CONTROL S IN/OUT connectors

Connect to the CONTROL S connectors of a VTR or several monitors.

It is then possible to control the system with a single Remote Commander.

4 LINE A/LINE B

VIDEO IN connector (BNC type) AUDIO L/R IN jacks (phono jack)

Connect to the video and audio outputs of a VTR or a camera.

VIDEO OUT connector (BNC type) AUDIO L/R OUT jacks (phono jack)

Loop-through outputs of the IN connector and jacks.

Connect to the video and audio inputs of another monitor.

75-ohm termination switch

When only the VIDEO IN connector is used (nothing is connected to the VIDEO OUT connector), set this switch to ON

When both connectors are used together for a loopthrough connection), set this switch to OFF.

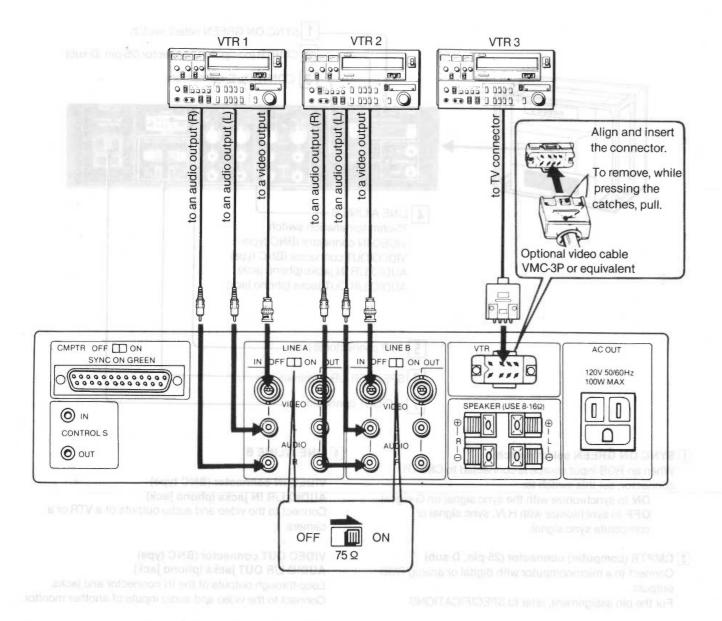
5 VTR connector (8-pin)

Connect to a VTR with an 8-pin TV connector.

6 SPEAKER (USE 8 – 16 Ω) L/R terminals Connect to speakers with 8 to 16 ohms impedance.

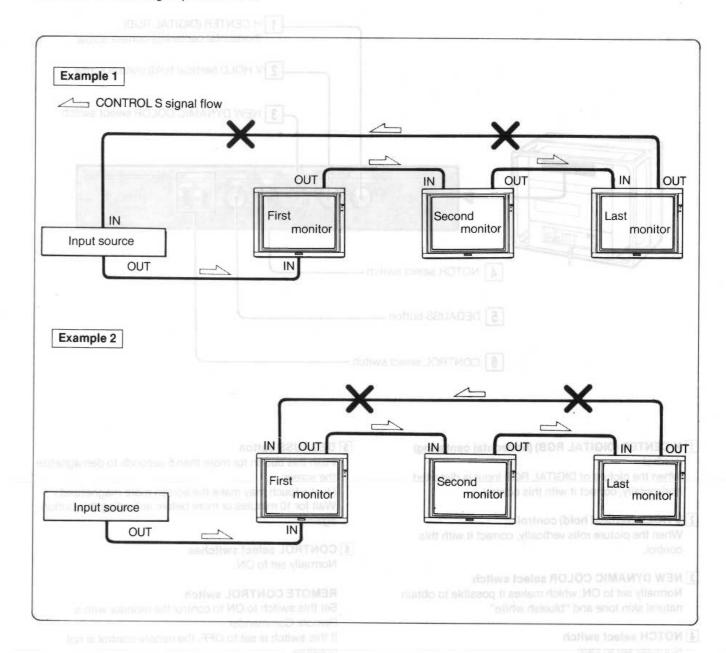
7 AC OUT (120 V, 50/60 Hz, 100 W MAX) connector
This outlet provides AC power of 100 W max. Only for a
connected microcomputer.

1-2. SYSTEM CONNECTIONS CONNECTING A VTR

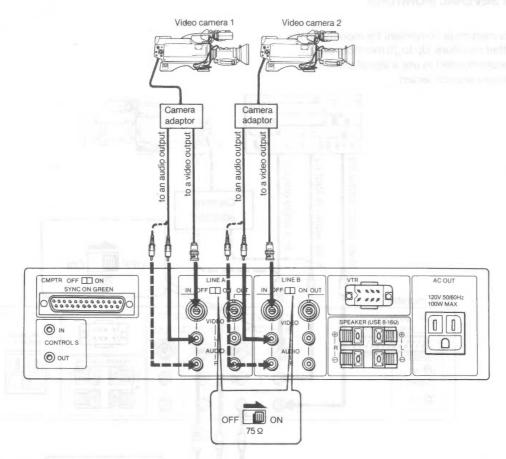


Note

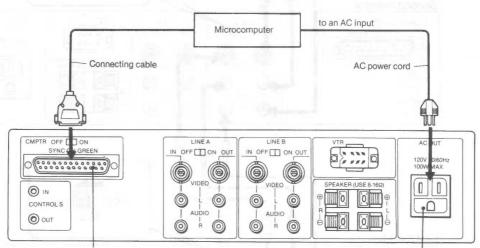
Do not use the following loop connections.



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CONNECTING A MICROCOMPUTER



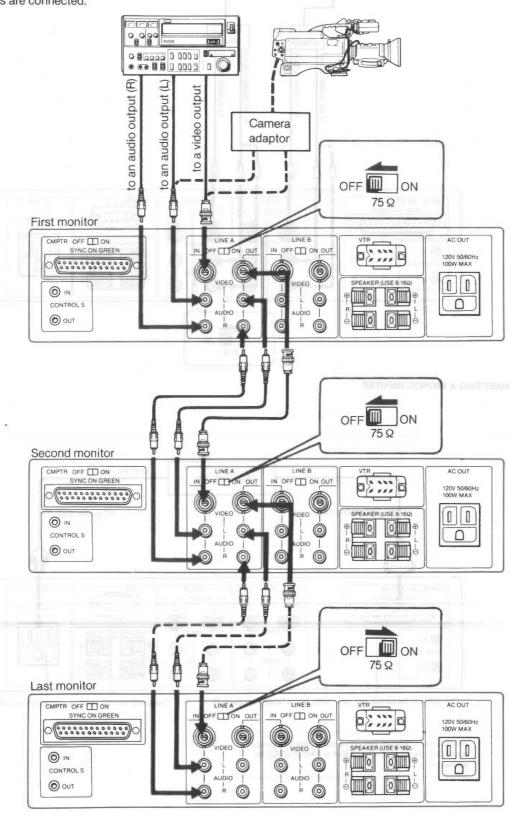
For signal to be connected, see "SPECIFICATIONS" on page 15.

The power source must be supplied from here.

When a microcomputer has only a composite video output connector, connect it to the LINE A or LINE B VIDEO IN connector.

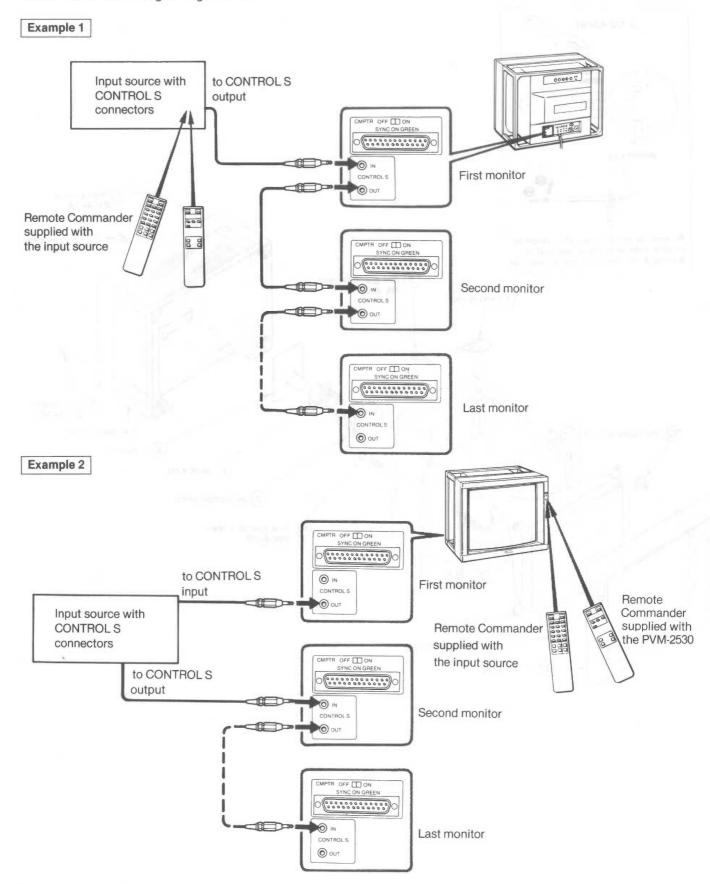
CONNECTING SEVERAL MONITORS

A loop-through connection is convenient for monitoring the same signal on other monitors. Up to 10 monitors can be connected. It is recommended to use a signal distributer when several monitors are connected.



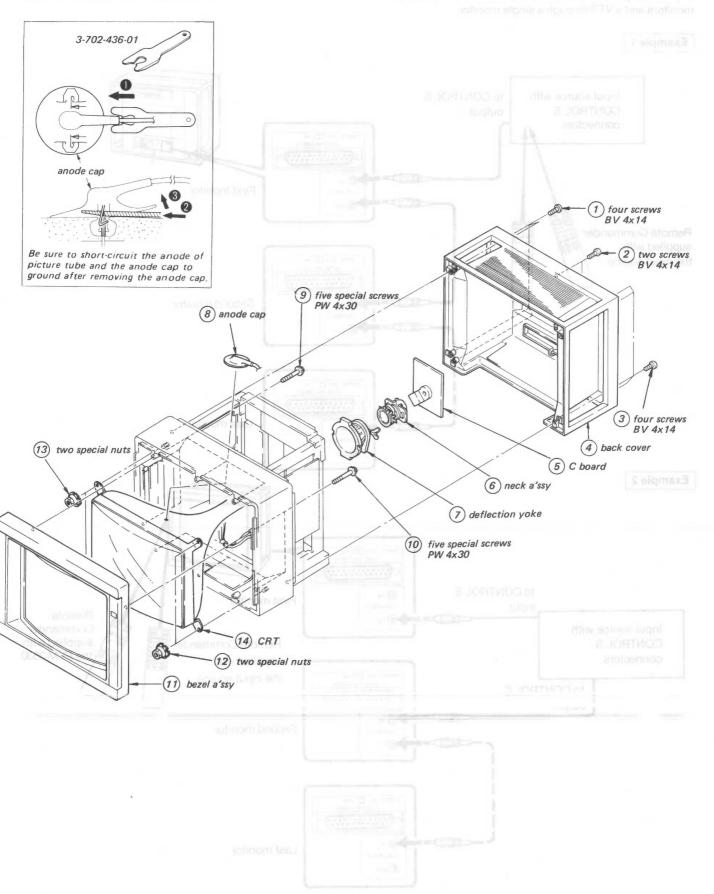
CONTROL S connection

The following connections allow remote control of several monitors and a VTR through a single monitor.



SECTION 2 DISASSEMBLY

2-1. PICTURE TUBE REMOVAL



SECTION 3 SETUP ADJUSTMENTS

The following adjustments should be made when a complete realignment is required or a new picture tube is installed.

These adjustments should be performed with rated power supply voltage unless otherwise noted.

Perform the adjustments in order as follows:

- 1. Beam Landing
- 2. Convergence
- 3. SCREEN and White Balance

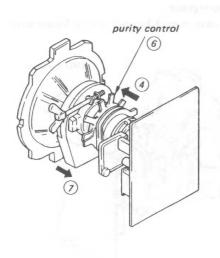
Note: Test Equipment Required.

- 1. Color-bar/Pattern Genertator
- 2. Degausser

3-1. BEAM LANDING

Preparation:

- · Feed in the white pattern.
- Before starting, degauss the entire screen.
- 1. Loosen deflection yoke screw.
- 2. Position neck ass'y as shown in Fig. 3-1.
- 3. Adjust purity control as shown in Fig. 3-2.
- Slide deflection yoke as far forward as it will go.
- 5. Turn the raster signal of the pattern generator to red.
- 6. Adjust purity control to center vertical red band as shown in Fig. 3-3.
- 7. Slide deflection yoke back for a uniform red screen.
- 8. Check green and blue rasters for uniformity by performing the same way as steps 5,6 and 7.
- 9. Tighten the deflection yoke screw.
- Check if mislanding appears at corners a d as shown in Fig. 3-4. If mislanding is observed, correct it as shown in Fig. 3-4.
- 11. Confirm that beam landing is correct when the receiver is faced in all directions.



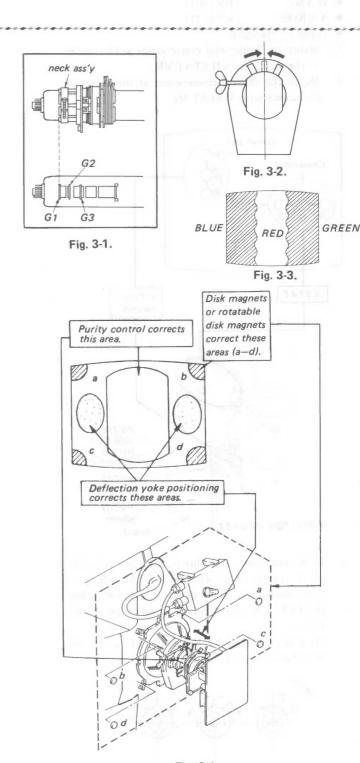


Fig. 3-4.

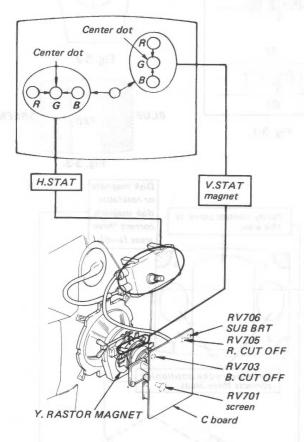
CONVERGENCE

Preparation:

- PICTURE
- fully counterclockwise BRIGHTNESS
- CORNER BOW (RV2504)
- H.TILT (RV2502)
- Y.BOW (RV2503)
- H,AMP (RV2501)
- mechanical center

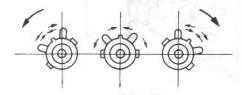
D₂ board

- Y.CROSS (RV2505)
- Input a dots signal.
- 1. Match the horizontal convergence at the center of the screen with H.STAT VR.
- Match the vertical convergence at the center of the screen with V.STAT Mg.

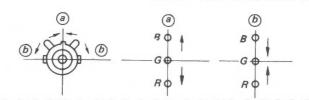


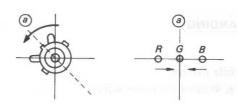
3. If the red, green and blue dots do not coincide on the center of screen with H.STAT VR, perform horizontal convergence adjustment using H.STAT VR and V.STAT magnet as shown below.

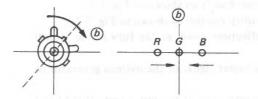
(In this case, H.STAT VR and V.STAT magnet effect each other.)

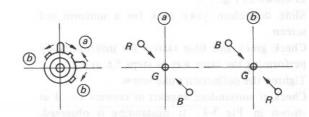


4. When the V.STAT magnet is moved in the direction of arrow a and b, Red, Green and Blue dots move as shown below.





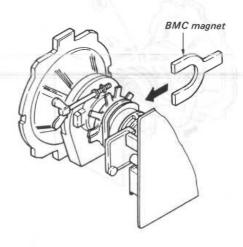




If blue dot does not coincide with red and green dot, perform following steps.

Move BMC magnet (a) to correct insufficient H. static convergence.

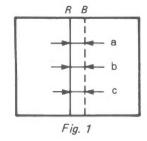
In either case, repeat Beam Landing Adjustment.



DYNAMIC CONVERGENCE Adjustment

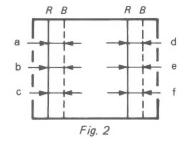
Preparation:

- Before starting, perform Horizontal and Vertical Static Convergence Adjustment.
 - 1. Loosen deflection yoke screw.
 - 2. Remove deflection yoke spacers.
 - 3. Move the deflection yoke for best convergence.
- 4. Tighten the deflection yoke screw.
- 5. Install the deflection yoke spacers.
- Adjust the Y.CROSS (RV2505) and Y. BOW (RV2503), so that RED and BLUE shown in Fig.-1 will become a=b=c.

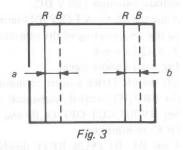


- Match the horizontal convergence at the center of the screen with H STAT VR.
- 8. Adjust the CORNER BOW (RV2504), so that RED and BLUE shown in Fig.-2 will become a= b=c and d=e=f.

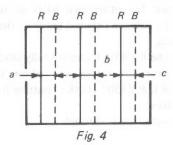
Note: At this point, if the relationship between a=c or d=f is not established, adjust the Y • CROSS (RV2505) again.



- Match the horizontal convergence at the center of the screen with the H STAT VR.
- 10. Adjust the H TILT (RV2502)so that the RED and BLUE shown in Fig.-3 will become a=b.



11. Adjust the H AMP (RV2501) so that the RED and BLUE shown in Fig.-4 will become a=2b.



- 12. Match the horizontal convergence at the center of the screen with the H STAT VR.
- 13. When the H AMP is adjusted repeat the procedures described in Steps 5 to 7.
- 14. If divergence of the convergence exists at the corner of the screen, the adjustments described in Steps after 3 should be repeated.



PRINTED BOARD (Conductor Side)

WHITE BALANCE ADJUSTMENT

- 1) SCREEN (G₂) adjust ment
- 1. Confirm that G₁ line voltage is 30±5 Vdc.
 - Adjust CUT OFF VR (R,B) so that R,B cathode voltage becomes 180 V DC.
 Adjust with G₂ VT (RV701) immediately prior to the disappearing of the luminscent line.
 - 2) W/B adjustment
 - 1. Input a all white signal.
 - Set the PICTURE control to minimum and turn the BRIGHT control mechanical center.
 - Set RV705 CUT OFF (R,B) and RV703 (CUT OFF) to minimum.
 - Turn RV701 (SUB BRT) slowly to obtain a faintly visible cross-hatch.
 Note the color that first becomes visible by turning RV701.
 - Adjust the other two BKG controls for best white balance (neutral gray) of the faint corsshatch.
 - Set the PICTURE control fully clockwise.
 Observe the screen and adjust the RV3301 (B,IK), RV3302 (G,IK) controls for best white balance.
 - 7. Repeat steps 1, through 7.





PVM-2530

PVM-2530

SECTION 4

SAFETY RELATED ADJUSTMENT

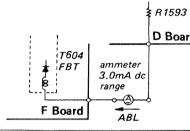
HOLD DOWN ADJUSTMENT (R597)

Be sure to perform the following adjustment after replacing the parts below. (Marked on at the schematic diagram).

C1509, IC1501, IC1503, D520, D521, D522, D1540, Q522, 6. Confirm that there is less than 11.00V DC where by the Q523, R593, R594, R595, R596, R597, R598, R599 R1350, R1518, R1519, R1520, R1521, R1522, R1523, R1525, R1590, R1592, R1593, R1594, R1595, R1597,

- 1. Turn the POWER switch ON, and receive entirely white 7. If above steps is not satisfied, select resistance value of signals and set the PICTURE and BRIGHTNESS control to maximam.
- 2. Confirm that the voltage of the TP85 is more than 8.7V DC when the set is operating normally with 120V AC supply.
- 3. Adjust ABL current to 1600 ± 30 µA with PICTURE and BRIGHTNESS.
- 4. Confirm that there is less than 10,50V DC where by the raster disappears during operation of hold-down circuit. (HOLD DOWN check point of TP85)
- 5. Adjust ABL current to 290 ± 5 μA with PICTURE and BRIGHTNESS.

- raster disappears during operation of hold-down circuit. (HOLD DOWN check point of TP85)
- Note: If the hold-down circuit starts operating in the above case, switch OFF the POWER of the set immediately
- R597 and repeat above steps 1 through 6.



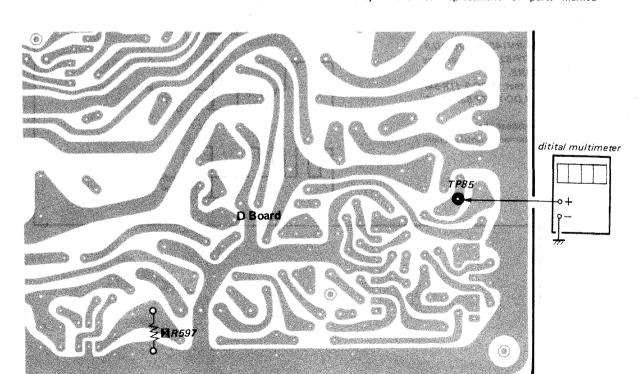
CHECKING AFTER H.V.R REPLACEMENT

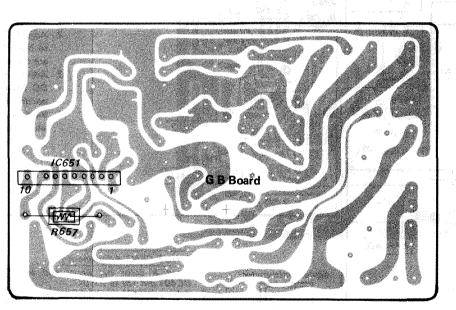
After replacing H.V.R * confirm that there is more than 8.70V DC on TP85. (HOLD DOWN check point)

*This check is to be performed when H.V.R only is replaced, and has no relation to the H.V hold-down circuit readjustment for replacement of parts marked

CHECK AFTER IC651 and R657 REPLACEMENT

- 1. Supply 130⁺³V AC to with variable auto-transformer.
- 2. Input a entirely white signal.
- 3. Turn the CONTROL switch OFF. Set the PICTURE and BRIGHTNESS control to maxi-
- 4. Confirm the voltage on digital multimeter is less than 141.5V DC (+B LINE).
- 5. If step 4 is not satisfied, replace IC651 and R657 repeat





SECTION 5 CIRCUIT ADJUSTMENTS

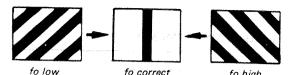
PVM-2530

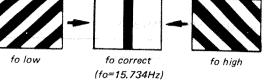
PVM-2530

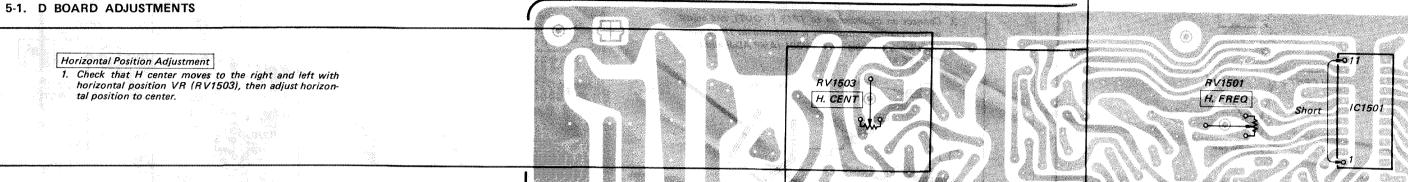
H.FREQ Adjustment 1. Input a color bar signal and short between IC1501 pins (1) and (11). Also short B board IC401 pins (35) and (36).

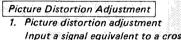
2. Adjust H.FREQ VR (RV1501) so that picture flow is as shown in Figure.

3. After adjustment, remove the connections in step 1.

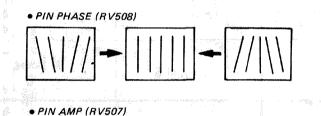


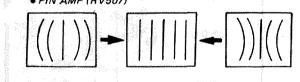


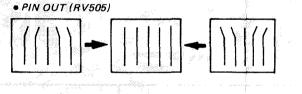


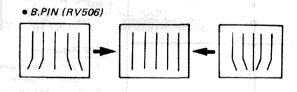


Input a signal equivalent to a crosshatch signal.

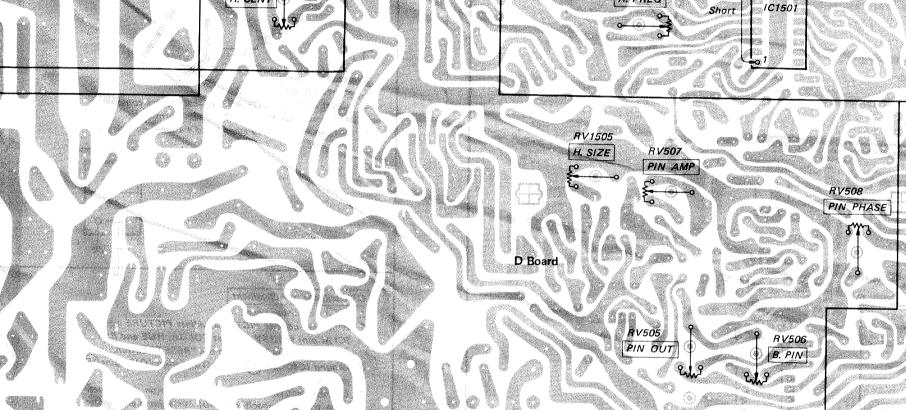








- 2 Adjust RV1505 (H.SIZE) so that H.SIZE is bes
- 3. Adjust RV1503 (H.CENT) so that horizontal psition is



PVM-2530 PVM-253

PVM-2530

PVM-2530

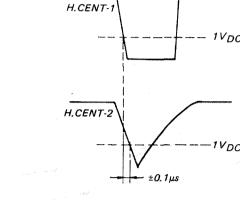
5-2. H3 BOARD ADJUSTMENTS H. center Adjustment (DIGITAL R,G,B) 1. Connect to the digital R,G,B output connector of

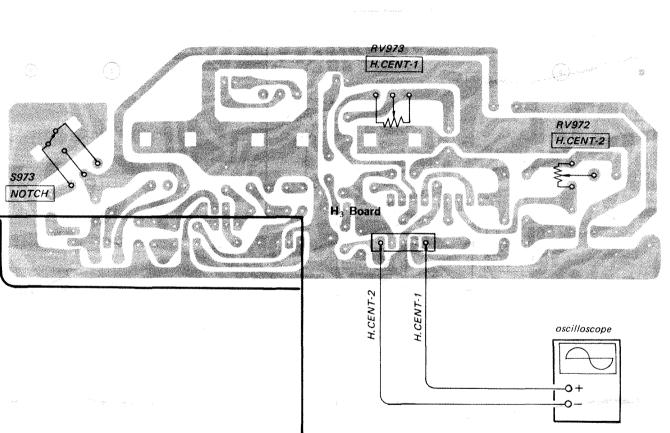
Connect to the digital R,G,B output connector of a microcomputer.
 Press to select the R,G,B mode.

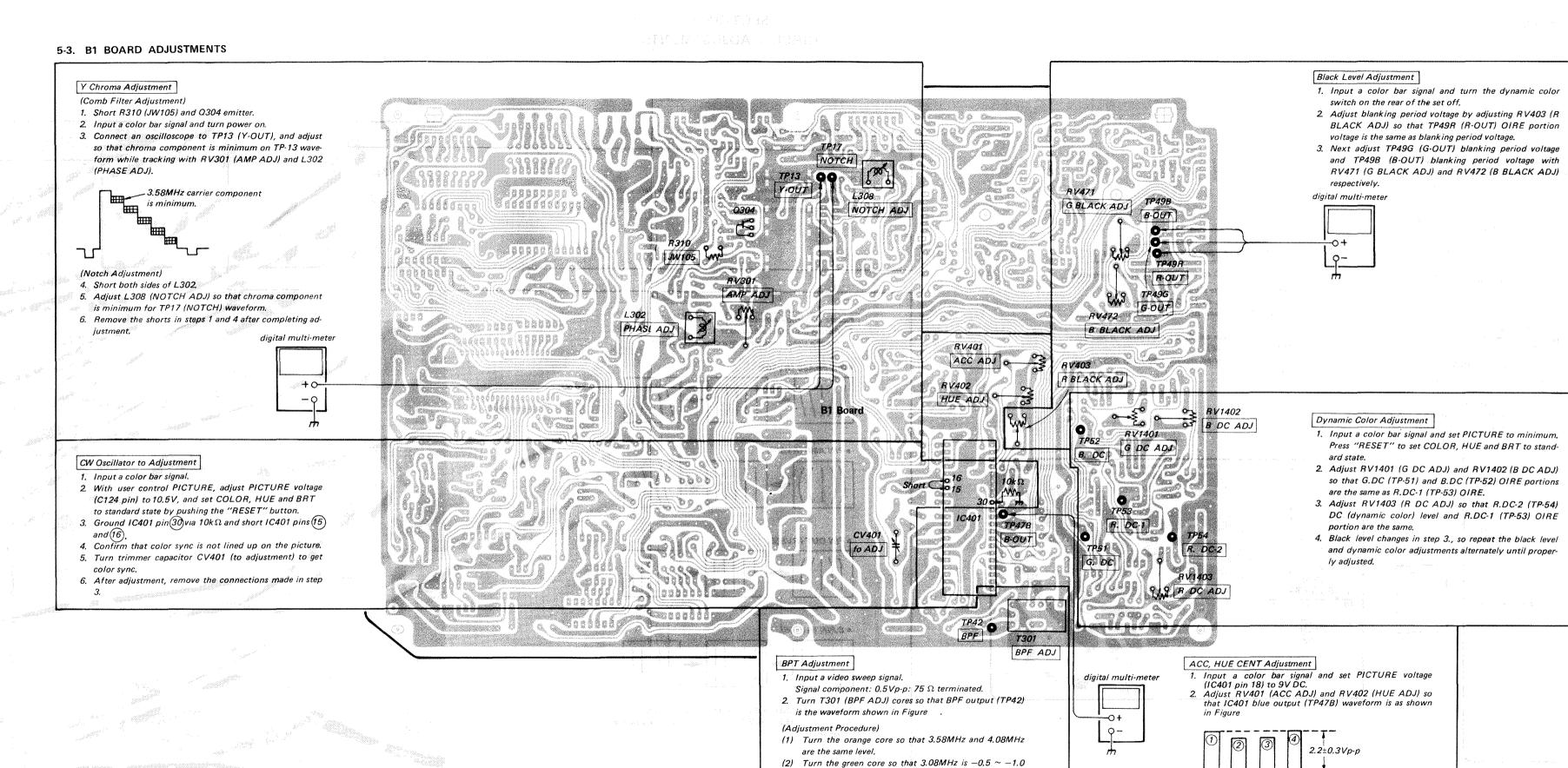
3. Turn the H.CENT VR (REAR CONTROL PANEL) to center position.

4. Connect the oscilloscope to 4 pin H-3 connector and 1 pin H-3 connector.

5. Adjust RV972 (H.CENT-2) so that the phase difference level is $\pm 0.1~\mu s$.







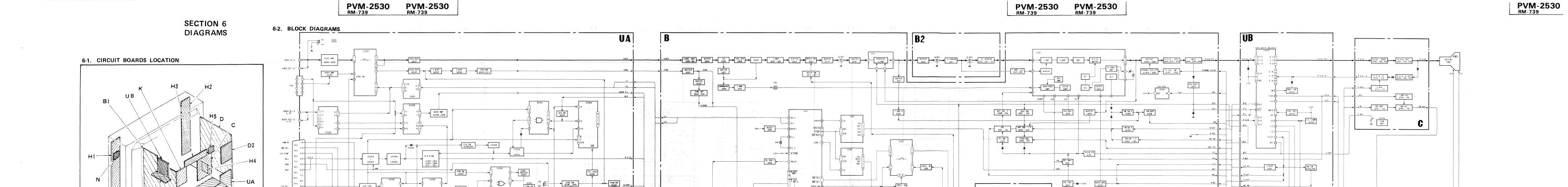
dB from 3.58MHz.

waveform in Figure

(3) Repeat steps (1) and (2) several times to adjust to the

GOUT -

blanking period



ON ₩ OFF

S98I REMO-CON ON 空空[®]OFF

0944,946 948-961

CONTROL \$935 LINE -A \$940

ST BY +5V

SRC IN O

- 29 -

SIRCS OUT S973
Q981, 982 DYNAMIC COL

F(1/2)

- 30 -

NECK

CONVERGENCE OUT CONVERGENCE AMP Q2506 , 2507

RV2505 Y.CROSS

- 31 -

BV IC 1009 OUT +5V

RL 08V 2

LED DRV :

- 28° -

SIRCS IN LVX

AC 120V 🎝

SI901
MAIN
POWER SW

– 27 –

GA

PVM-2530 PVM-2530

Note: The components identified by shading and mark A are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par une trame et par une marque A sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié.

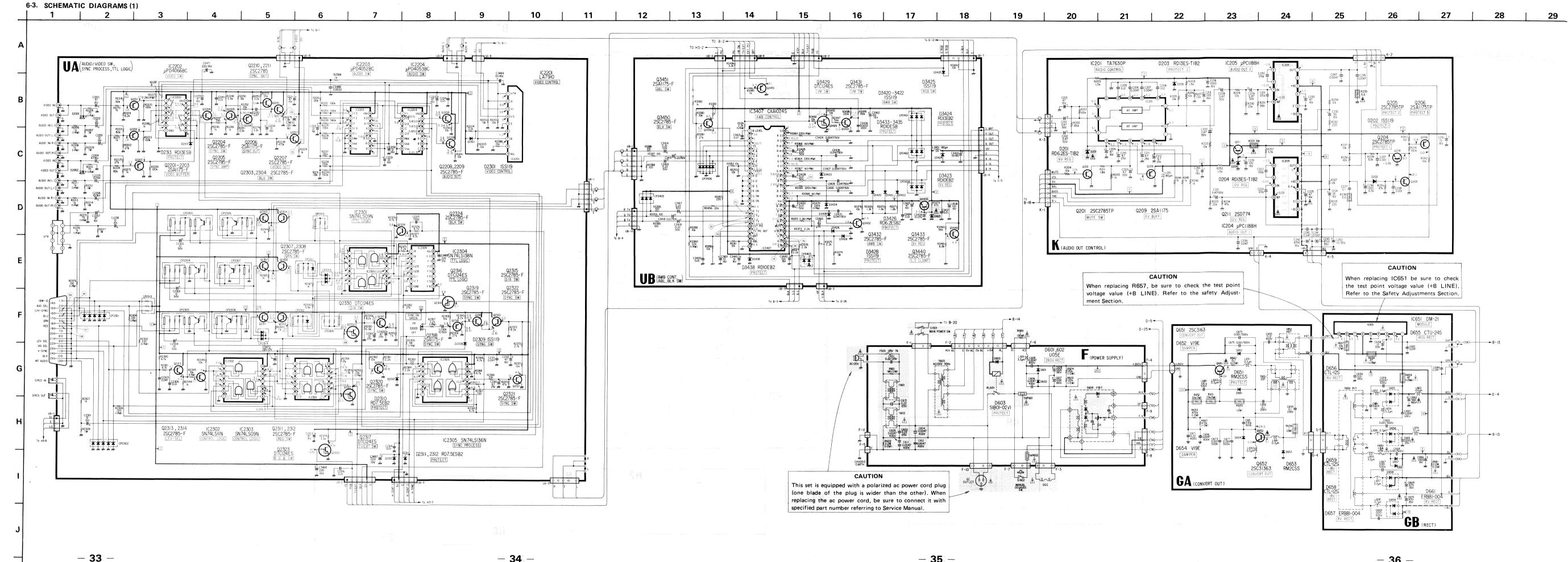
- All capacitors are in μF unless otherwise noted. p: μμF 50WV or less are not indicated except for electrolytics.
- All resistors are in ohms, 1/6W unless otherwise noted. k: 1000Ω. M: 100kΩ.
- nonflammable resitor.
- All variable and adjustable resistors have characteristics curve B, unless otherwise noted.
- fusible resistor.
- \(\triangle \) : internal component.
- : panel designation.
- The components indentified by

 In this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.
- When replacing components identified by mark the necessary adjustments indicated. If results do not meet the specified value, change the component identified by repeat the adjustment until the specified value is achieved. (Refer to R597 adjustment on page 19, 20)

When replacing the part in below table, be sure to perform the related adjustment.

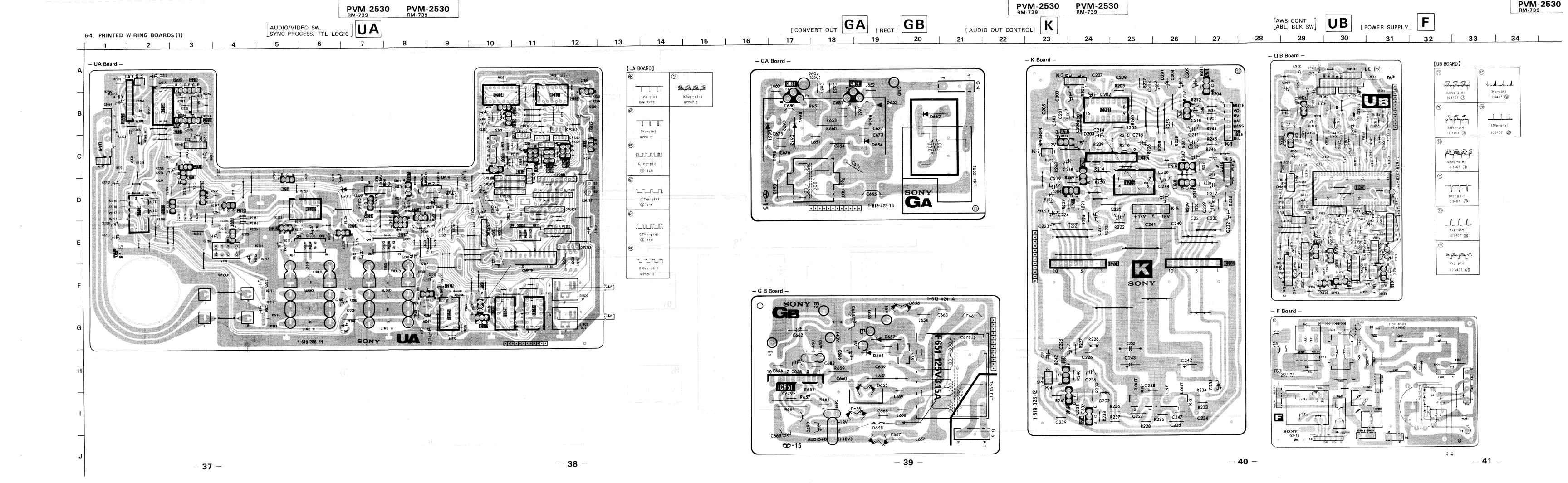
Part replaced (🗷)	Adjustment (🖼)
C1509, IC1501, IC1503, D520, D521, D522, D1540, Q522, Q523, R593, R594, R595, R596, R597, R598, R599, R1350, R1518, R1519, R1520, R1521, R1522, R1523, R1525, R1590, R1592, R1593, R1594, R1595, R1597, R1598,	R597

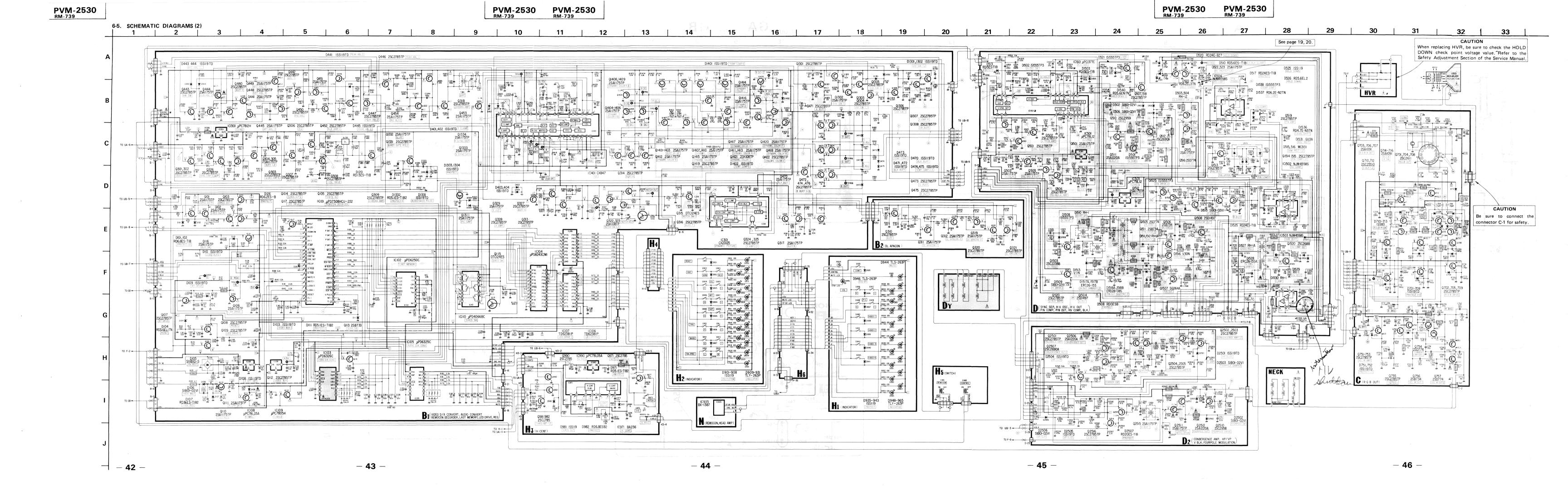
- Voltages are dc with respect to ground unless otherwise
- ullet Readings are taken with a $10M\Omega$ digital multimeter.
- Voltage variations my be noted due to normal production
- adjustment to repair.
- Readings are taken with a color-bar-signal input.
- no mark: with NTSC(3.58MHz) color-bar signal received.
- (): with DIGITAL color-bar signal received.
- Circled numbers refer to waveforms.

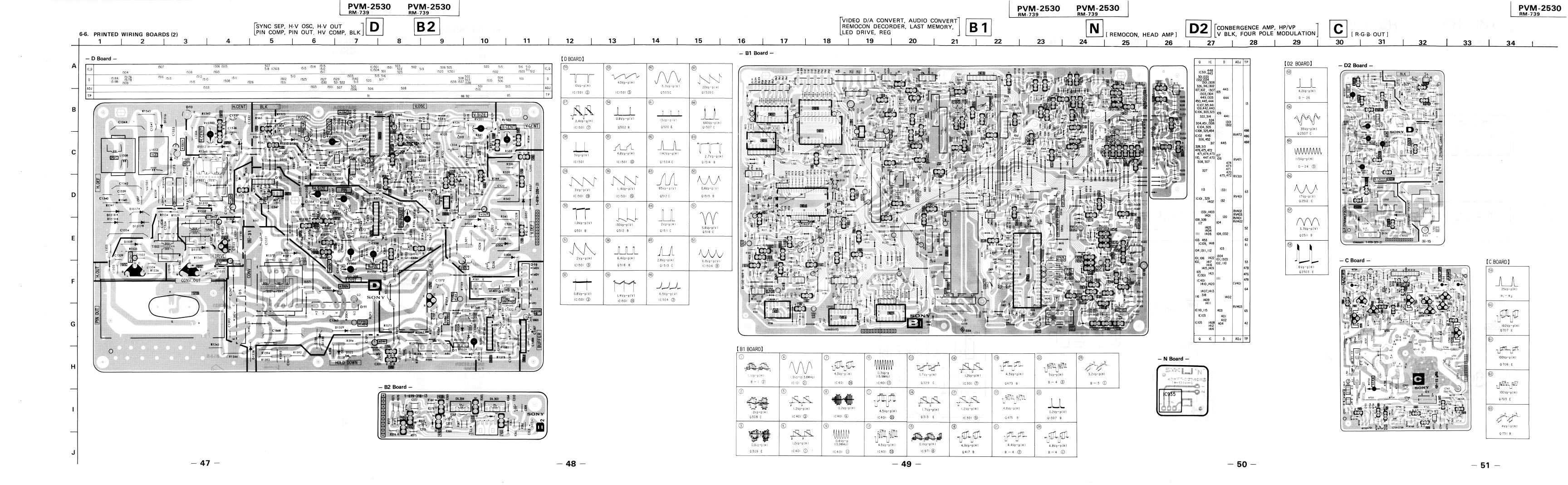


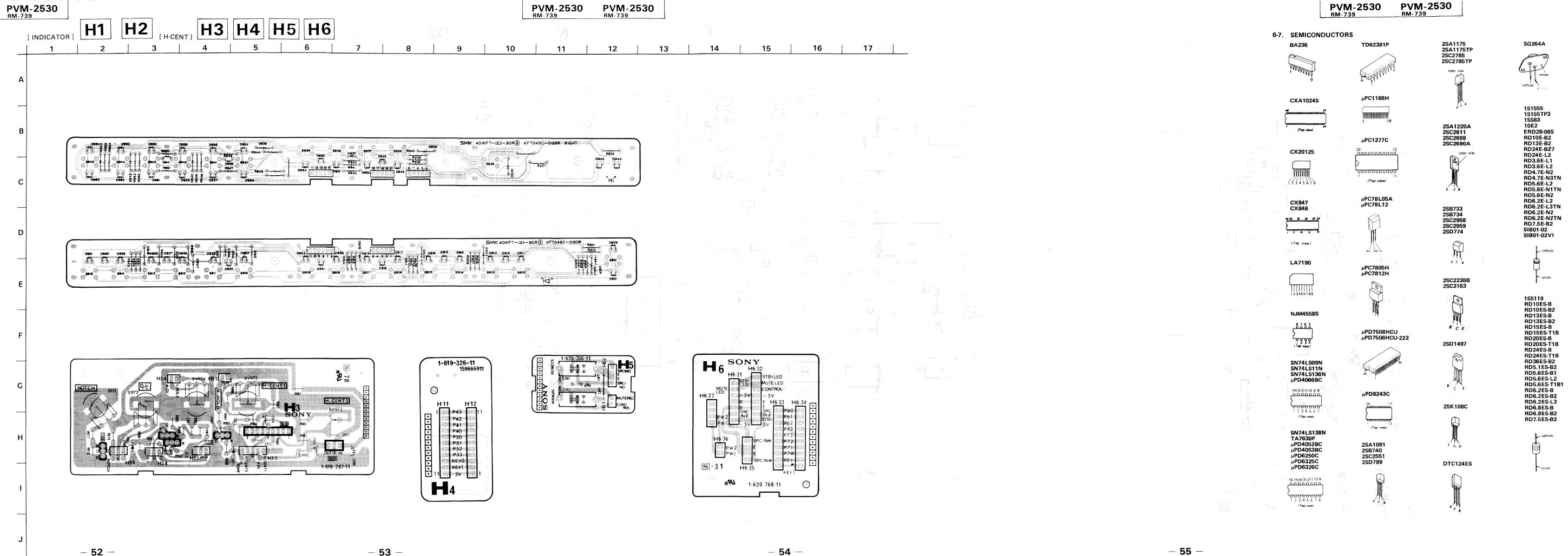
PVM-2530 RM-739

PVM-2530









TLS263P TLY263P

CTU-24S

ERB81-004 RH-1 RH-1A RH-1Z RM2CSS

ERC26-15S ERC26-15SA GU-3A U05E V11N V19E V30N

S1VB10-S

SECTION 7 EXPLODED VIEWS

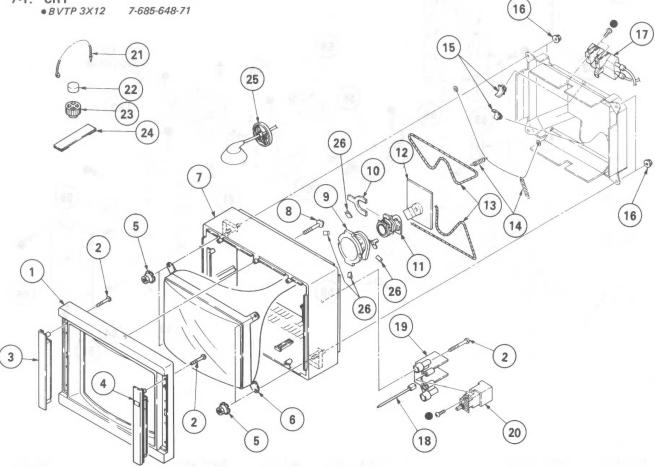
- · Items with no part number and no description are not stocked because they
- are seldom required for routine service.

 The construction parts of an assembled part are indicated with a collation number in the remark column.
- * Items marked " * are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark A are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Asont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

7-1. CRT • BVTP 3X12 7-685-648-71

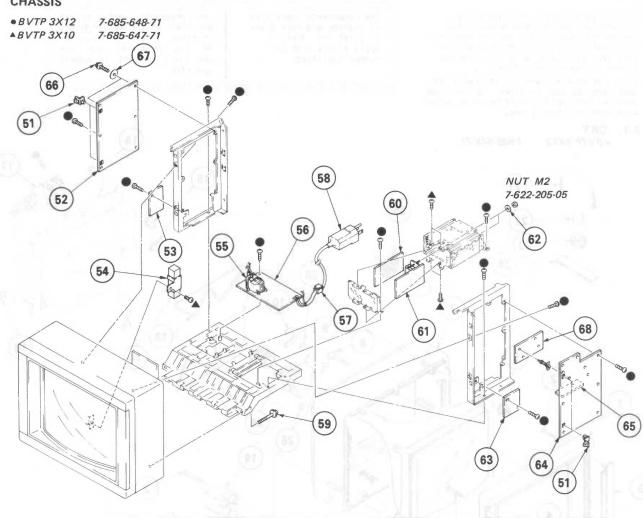


No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
1		BEZEL ASSY (FOR DARK GRAY) BEZEL ASSY (FOR LIGHT GRAY)	2	1 13	↑.1-426-296-11 4-303-774-XX	COIL, DEMAGNETIZATION SPRING	
2		+ BV 3X25		15	*4-371-629-01		
3		KEY BOARD UNIT (A)		16	4-306-034-00	FLANGE NUT. (B) 5MM	
4		KEY BOARD UNIT (B)		17	1-230-712-21	RESISTOR ASSY, HIGH-VOLTAGE	
5	4-376-980-01	NUT, SPECIAL, CRT		18	*4-371-182-01		
6	1.8-736-652-05	CRT (A64JKJ10X)		1 19	*4-371-183-01	COVER, MAIN SWITCH	
7	X-4374-161-2	CABINET ASSY (FOR DARK GRAY)	8	20	A.1-554-966-12	SWITCH, PUSH (AC POWER)(1 KEY)	
	X-4374-161-3	CABINET ASSY (FOR LIGHT GRAY)	8	21		CLIP, LEAD WIRE	
8		SCREW, SPECIAL (+PW4X30)		22	1-452-032-00	MAGNET, DISK; 10MM Ø	
9	A.1-451-255-22	DEFLECTION YOKE		23	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM 6	
10	1-452-146-21	MAGNET, BMC		24	X-4308-815-0	PERMALLOY ASSY, CONVERGENCE	
11	A.1-452-351-22	NECK ASSY, CRT (NA302)		25		HO'LDER, HV CAB'LE	
12	*A-1330-784-A	C BOARD, COMPLETE		26	3-703-003-00	SPACER, DY	

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SECTION 7 EXPLODED VIEWS

7-2. CHASSIS



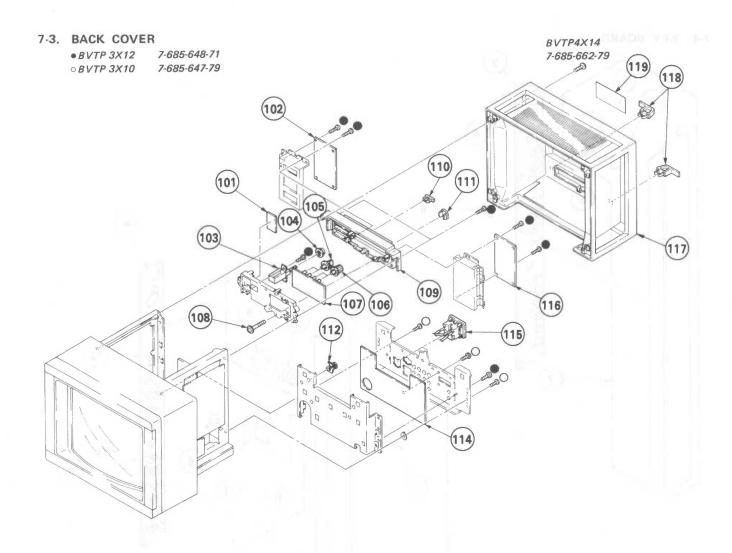
No. Part No.	Description	Remark	No.	Part No.	Description	Re	emark
52 *A-1345-68 53 *1-620-767 54	2-00 CLIP, HINGE, CIRCUIT (88-A D BOARD, COMPLETE 7-11 H4 BOARD 1-11 RES, CEMENT WIREWOUND 1-11 FBOARD 1-11 F BOARD 1-11 CORD, POWER 1-11 GR BOARD 1-11 GR BOARD	1 5% 30W BACK	61 62 63 64 65 66 67 68	*1-619-318-11 4-302-428-00 4-383-101-01	WASHER H6 BOARD B BOARD, COMPLETE	271.9 14.7 14.7	
00 "1-013-4/4	+-11 ID DUAKU						

The components identified by shading and mark A are critical for safety.

Replace only with part number specified.

Les composants identifiés par une trame et une marque∱sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

T.G. Corp 10 North Main St Wharton NJ 07865 W. servicemanuals no

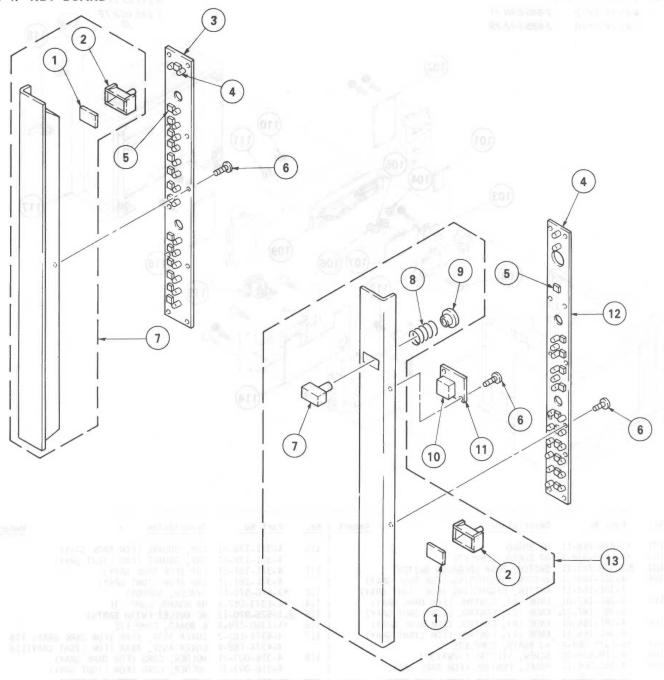


No.	Part No.	<u>Description</u> Rema	rk No.	Part No.	Description	Remark
101 102	*1-620-766-11 *A-1340-936-A		110		CAP, SQUARE (FOR DARK GRAY)	
103	A.1-570-757-11	SWITCH, PUSH (DEGAUSS SWITCH)	111	4-371-181-01	CAP, SQUARE (FOR LIGHT GRAY) CAP (FOR DARK GRAY)	
104	4-381-168-01 4-381-168-11	BUTTON, DEGAUSSING (FOR LIGHT GRAY)	1 112		CAP (FOR LIGHT GRAY) SPACER, SUPPORT	
105	4-381-167-01 4-381-167-11	KNOB (B), CONTROL (FOR DARK GRAY)	1 114	*A-1373-057-A	UA BOARD, COMPLETE AC OUTLET (WITH EARTH)	
106	4-381-166-01 4-381-166-11	KNOB (A), CONTROL (FOR DARK GRAY)	1 116	*A-1380-189-A	K BOARD, COMPLETE	
107	*A-1375-064-A	H3 BOARD, COMPLETE	117	X-4374-162-4	COVER ASSY, REAR (FOR DARK GRAY) COVER ASSY, REAR (FOR LIGHT GRAY	118
108 109	4-319-520-00 4-382-005-11	SCREW, SPECIAL (+PW4X30) PANEL, CONTROL (FOR DARK GRAY)	118	4-316-003-21 4-316-003-31	HOLDER, CORD (FOR DARK GRAY)	
	4-382-005-21	PANEL, CONTROL (FOR LIGHT GRAY)	119 		LABEL, MODEL NUMBER (LARGE)	

The components identified by shading and mark A are critical for safety.
Replace only with part number specified.

Les composants identifiés par une trame et une marque∱sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.





No.	Part No.	Description		Remark	No.	Part No.	Description	Remark
1 2 3 4 5 6 7	9-990-892-01 9-990-891-01 *9-990-890-01 9-990-895-01 1-553-766-00 9-990-894-01 9-991-652-01	ILLUMINATOR A REFLECTOR A H2 BOARD SPACER MT SWITCH (KEY TAPPING SCREW FRAME A ASSY	BOARD SWITC	H)	1 2 4 5 6 7 8 8	9-990-894-01 9-990-899-01 9-990-902-01	I'_'UMINATOR A REFLECTOR A SPACER MT SWITCH (KEY BOARD SWITCH) TAPPING SCREW KEY TOP COIL SPRING	
					9 10 11 12 13	9-990-900-01 8-741-138-70 *9-990-898-01 *9-990-897-01 9-991-653-01	STOPPER DETECTOR N BOARD H1 BOARD FRAME B ASSY	1,2,7,8,9

SECTION 8 ELECTRICAL PARTS LIST

В

NOTE:

The components identified by shading and mark are critical for safety.

Replace only with part number specified.

Les composants identifiés par une trame et une marque Asont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

· All resistors are in ohms

• F : nonflammable

COILS

• MMH : INH, UH : إلى

CAPACITORS • MF : אר, PF : ארעיד

When indicating parts by reference number, please include the board name.

 The components identified by in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

							,,				
Ref.No	o. Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
	*A-1135-428-A	B BOARD, COMI				C126 C127 C128 C129 C130	1-123-380-00 1-123-380-00 1-123-380-00 1-101-006-00 1-101-006-00	E'LECT E'LECT E'LECT CERAMIC CERAMIC	1MF 1MF 1MF 0.047MF 0.047MF	20% 20% 20%	50V 50V 50V 50V 50V
B1 B2 B3 B4 B5	*1-566-057-11 *1-566-057-11 *1-566-055-11 *1-566-056-11 *1-566-054-11	PIN, CONNECTO PIN, CONNECTO PIN, CONNECTO PIN, CONNECTO PIN, CONNECTO	OR 5P OR 3P OR 4P			C131 C132 C133 C134 C135	1-123-380-00 1-123-380-00 1-123-380-00 1-123-380-00 1-123-351-00		1MF 1MF 1MF 1MF 0.47MF	20% 20% 20% 20% 20%	50V 50V 50V 50V 50V
B6 B7 B8 B9 B10	*1-566-055-11 *1-566-056-11 *1-566-054-11 *1-508-766-00 *1-566-055-11	PIN, CONNECT PIN, CONNECT PIN, CONNECT 4P PLUG (M) PIN, CONNECT	OR 4P OR 2P			C136 C137 C138 C139 C140	1-101-006-00 1-124-443-00 1-124-443-00 1-123-356-00 1-124-443-00	CERAMIC ELECT ELECT ELECT	0.047MF 100MF 100MF 10MF 100MF	20% 20% 20% 20%	50V 10V 10V 16V 10V
B11 B12 B13 B14 B15	*1-566-054-11 *1-566-059-11 *1-566-054-11 *1-566-063-11 *1-508-765-00	PIN, CONNECT PIN, CONNECT PIN, CONNECT PIN, CONNECT 3P PLUG (M)	OR 7P OR 2P			C141 C142 C143 C144 C145	1-123-356-00 1-102-074-00 1-108-618-91 1-108-618-91 1-119-354-00	E'_ECT CERAMIC MY'_AR MY'_AR E'_ECT	10MF 0.001MF 0.0022MF 0.0022MF 330MF	20% 10% 10% 10%	16V 50V 100V 100V 100V
B16 B17 B18 B19 B20	*1-566-059-11 *1-566-063-11 *1-566-058-11 *1-566-062-11 *1-566-054-11	PIN, CONNECT PIN, CONNECT PIN, CONNECT PIN, CONNECT PIN, CONNECT	OR 11P OR 6P OR 10P			C146 C147 C148 C149 C150	1-124-892-11 1-119-354-00 1-124-443-00 1-101-006-00 1-101-006-00	E'LECT E'LECT E'LECT CERAMIC CERAMIC	47MF 330MF 100MF 0.047MF 0.047MF	20%	10V 10V 10V 50V 50V
B21 B23	*1-566-054-11 *1-508-784-00	PIN, CONNECT 1P PLUG PACITOR	OR 2P			C151 C152 C153 C154	1-124-443-00 1-124-443-00 1-101-006-00 1-101-006-00	ELECT ELECT CERAMIC CERAMIC	100MF 100MF 0.047MF 0.047MF	20% 20%	10V 10V 50V 50V
C101 C102 C103 C104 C105	2 1-101-006-00 3 1-101-006-00 4 1-124-471-00 5 1-108-845-00	CERAMIC CERAMIC E'LECT MY'_AR	47MF 0.047MF 0.047MF 1000MF 0.047MF	20% 20% 10%	10V 50V 50V 6.3V 50V	C155 C156 C157 C158 C159	1-102-074-00 1-101-006-00 1-101-006-00 1-101-006-00 1-101-006-00	CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC	0.001MF 0.047MF 0.047MF 0.047MF 0.047MF	10%	50V 50V 50V 50V
C106 C107 C108 C109 C110	7 1-102-963-00 3 1-102-978-00 9 1-102-038-00	CERAMIC CERAMIC CERAMIC	33PF 33PF 220PF 0.001MF 0.001MF	5% 5% 5%	50V 50V 50V 500V 500V	C160 C161 C162 C163 C165	1-102-129-00 1-102-129-00 1-108-837-00 1-123-356-00 1-124-443-00	CERAMIC MYLAR ELECT	0.01MF 0.01MF 0.01MF 10MF	10% 10% 10% 20% 20%	50V 50V 50V 16V 10V
C111 C112 C113 C114 C115	2 1-124-901-00 3 1-123-356-00 4 1-123-356-00	ELECT ELECT	0.01MF 1000MF 10MF 10MF 0.01MF	10% 20% 20% 20% 10%	50V 35V 16V 16V 50V	C170 C301 C302 C303 C304	1-123-356-00 1-123-356-00 1-102-961-00 1-123-356-00 1-102-971-00	E'LECT E'LECT CERAMIC E'LECT	10MF 10MF 27PF 10MF 82PF	20% 20% 5% 20% 5%	16V 16V 50V 16V 50V
C 116 C 117 C 118 C 119 C 120	7 1-102-038-00 3 1-123-360-00 9 1-123-356-00	CERAMIC ELECT ELECT	220MF 0.001MF 100MF 10MF 10MF	20% 20% 20% 20%	10V 500V 50V 50V 50V	C304 C305 C306 C307 C308 C311	1-102-971-00 1-102-971-00 1-123-380-00 1-123-380-00 1-102-978-00 1-123-330-00	CERAMIC ELECT ELECT CERAMIC	1MF 1MF 1MF 220PF 22MF	20% 20% 5% 20%	50V 50V 50V 50V 16V
C 121 C 122 C 123 C 124 C 125	2 1-123-356-00 3 1-101-006-00 4 1-123-380-00	E'LECT CERAMIC E'LECT	33MF 10MF 0.047MF 1MF 1MF	20% 20% 20% 20%	16V 16V 50V 50V 50V	C312 C316 C316 C317 C318	1-102-971-00 1-102-858-00 1-102-858-00 1-123-380-00	CERAMIC CERAMIC CERAMIC	82PF 10PF 10PF 1MF	5% 0.5PF 0.5PF 20%	50V 50V



Ref.No.	Part No.	Description			Remark	Ref.No.	Part No.	Description			Rema	ark
C 320 C 321 C 324 C 325 C 326	1-123-356-00 1-102-888-00 1-101-006-00 1-102-973-00 1-123-380-00	E'LECT CERAMIC CERAMIC CERAMIC ELECT	10MF 150PF 0.047MF 100PF 1MF	20% 5% 5% 20%	16V 50V 50V 50V 50V	C1341	1-123-380-00 1-123-380-00 1-108-630-91 1-136-165-00 1-102-973-00	E'LECT E'LECT MY'LAR FI'LM CERAMIC	1MF 1MF 0.022MF 0.1MF 100PF	20% 20% 10% 5%	50V 50V 100V 50V 50V	
C 327 C 329 C 330	1-102-820-00 1-102-971-00	CERAMIC CERAMIC	330PF 82PF	5% 5%	50V 50V	 C1401 C1402	1-102-074-00 1-123-332-00	CERAMIC E'LECT	0.001MF 47MF	10% 20%	50V 16V	
C 331 C 332	1-102-973-00 1-123-356-00 1-101-006-00	CERAMIC ELECT CERAMIC	100PF 10MF 0.047MF	5% 20%	50V 16V 50V	C1403 C1404	1-102-129-00 1-123-318-00	CERAMIC ELECT	0.01MF 33MF	10% 20%	50V 16V	
6222	1 100 256 00	FLECT	1045	0.00	1.00		TRI	MMER				
C333 C335 C401	1-123-356-00 1-102-887-00 1-123-330-00	ELECT CERAMIC ELECT	10MF 47PF 22MF	20% 5% 20%	16V 50V 16V	CV401	1-141-147-XX					
C402 C403	1-124-555-00 1-102-125-00	E'_ECT CERAMIC	1000MF 0.0047MF	20%	16V 50V	0.000	DIC	DE				
C404 C405 C406 C407	1-123-447-00 1-102-129-00 1-123-447-00 1-123-356-00	E'LECT CERAMIC ELECT E'LECT	0.22MF 0.01MF 0.22MF 10MF	20% 10% 20% 20%	50V 50V 50V 16V	D101 D102 D103 D104 D105	8-719-109-95 8-719-109-95 8-719-911-19 8-719-101-39	DIODE RD6.8E DIODE RD6.8E DIODE 1SS119 DIODE RD3.6E	S-B -'_2			
C409	1-102-865-00	CERAMIC	8PF	0.5PF	50 v	D106	8-719-511-20 8-719-920-02	DIODE S1VB20 DIODE ERB12-	02			
C410 C411 C412 C413 C414	1-102-074-00 1-123-351-00 1-123-351-00 1-123-330-00 1-124-645-11	CERAMIC ELECT ELECT ELECT ELECT	0.001MF 0.47MF 0.47MF 22MF 10MF	10% 20% 20% 20% 20%	50V 50V 50V 16V 16V	D107 D108 A D109 D110	8-719-110-83 8-719-921-20 8-719-911-19 8-719-911-19	DIODE RD36ES DIODE ISS119 DIODE 1SS119 DIODE 1SS119)TD			
C416 C418 C419 C420	1-123-381-00 1-123-318-00 1-123-607-00 1-124-896-00	ELECT ELECT ELECT ELECT	2.2MF 33MF 0.1MF 33MF	20% 20% 20% 20%	50V 16V 50V 16V	D111 D118 D120 D126 D129	8-719-109-85 8-719-109-91 8-719-110-34 8-719-109-91 8-719-109-91	DIODE RD5.1E DIODE RD6.2E DIODE RD13ES DIODE RD6.2E DIODE RD6.2E	S-B S-B			
C421 C440	1-123-332-00 1-123-356-00	ELECT	47MF 10MF	20%	16V 16V	D131	8-719-109-91 8-719-109-91	DIODE RD6.2E DIODE RD6.2E				
C441 C442 C443 C444	1-124-655-11 1-123-332-00 1-123-381-00 1-102-129-00	ELECT ELECT ELECT CERAMIC	0.47MF 47MF 2.2MF 0.01MF	20% 20% 20% 10%	50V 16V 50V 50V	D401 D402 D403	8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119	47 113			
C445 C446	1-124-478-11 1-123-351-00	ELECT ELECT CERAMIC	100MF 0.47MF	20% 20%	25V 50V	D404 D441 D443	8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119	Ale IDS			
C447 C1301 C1302	1-102-973-00 1-123-330-00 1-124-896-00	CERAMIC ELECT ELECT	100PF 22MF 33MF	5% 20% 20%	50V 16V 16V	D444 D445	8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119	-11			
C1303 C1304 C1305 C1306	1-123-380-00 1-101-006-00 1-106-196-00 1-102-971-00 1-124-645-11	ELECT CERAMIC MYLAR CERAMIC ELECT	1MF 0.047MF 0.01MF 82PF 10MF	20% 10% 5% 20%	50V 50V 100V 50V 16V	D470 D471 D472 D473 D474	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119	u com i			
C 1308 C 1309 C 1310 C 1311	1-101-006-00 1-102-129-00 1-123-332-00 1-123-356-00 1-108-617-91	CERAMIC CERAMIC E'.ECT E'.ECT MY'.AR	0.047MF 0.01MF 47MF 10MF 0.0018MF	10% 20% 20% 10%	50V 50V 16V 16V 100V	D475 D1301 D1302 D1303 D1304	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119				
C1336 C1338 C1339	1-108-618-91 1-124-478-11 1-123-321-00,	MYLAR ELECT	0.0022MF 100MF 220MF	10% 20% 20%	100V 25V 16V	D1331 D1332 D1401 D1402	8-719-911-19 8-719-109-85 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE RD5.1E DIODE 1SS119 DIODE 1SS119	S-B2			

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	1	Rema
	DE'_	AY LINE		Q109	8-729-178-54	TRANSISTOR		
DI 301	1 415 290 00	DELAY LINE (1H)			8-729-101-54		2SA1175TP-F	
	1-415-510-11			Q111 0112	8-729-117-54 8-729-178-54	TRANSISTOR TRANSISTOR		
0_000				0113	8-729-373-92	TRANSISTOR		
	IC			j				
10101	8-759-105-89	IC UPD7508HCU-222		Q115	8-729-900-36	TRANSISTOR		
	8-759-102-12	IC UPD6250C		0117	8-729-117-54 8-729-178-54	TRANSISTOR TRANSISTOR		
	8-759-102-28	IC UPD6326C		0301	8-729-178-54	TRANSISTOR		
	8-759-182-43	IC UPD8243C(M)		Q302	8-729-178-54	TRANSISTOR	2SC2785	
10105	8-759-104-05	IC UPD6325C		0303	8-729-178-54	TRANSISTOR	2002705	
		IC TD62381P		0304	8-729-117-54	TRANSISTOR		
	8-759-207-07	IC TD62381P		J Q305	8-729-117-54	TRANSISTOR	2SA1175	
	8-759-108-05	IC UPC78L05A		Q306	8-729-178-54			
IC109 IC110	8-759-171-05 8-759-140-66	IC UPC7805H IC UPD4066BC		Q307	8-729-178-54	TRANSISTOR	2SC2785	
10110	0-733-140-00	10 01 040 0000		Q308	8-729-178-54	TRANSISTOR	2SC2785	
IC301		IC CX20125		Q309	8-729-178-54	TRANSISTOR	2SC2785	
		IC CX848		0313	8-729-178-54	TRANSISTOR		
101301	1 № 8-759-171-12	1C MPC/812H		0314	8-729-178-54	TRANSISTOR		
	CON	NECTOR		Q315	8-729-900-36	TRANSISTOR	DICIZAES	
		T - 1 1 1 1 1 1 1		Q316	8-729-178-54	TRANSISTOR	2SC2785	
J201	*1-564-529-11	CONNECTOR, BOARD TO BOARD 5P		Q317	8-729-117-54	TRANSISTOR		
	001			0318	8-729-178-54			
	<u>C01</u>	<u> </u>		Q322 Q323	8-729-600-12 8-729-600-12	TRANSISTOR		
1101	1-407-708-00	MICRO INDUCTOR 180UH		1 4323	0-729-000-12	TRANSISTOR	23/100	
102	1-407-708-00	MICRO INDUCTOR 180UH		Q324	8-729-178-54	TRANSISTOR	2SC2785	
103	1-408-424-00	MICRO INDUCTOR 180UH		Q325	8-729-178-54	TRANSISTOR		
104 105		MICRO INDUCTOR 180UH		0326	8-729-178-54			
_105	1-408-424-00	MICRO INDUCTOR 180UH		Q327 Q328	8-729-178-54 8-729-178-54	TRANSISTOR TRANSISTOR		
106	1-408-424-00			4020				
1 301	1-408-412-00	MICRO INDUCTOR 18UH		0329	8-729-117-54			
1_302 1_303	1-407-571-00	COIL, VARIABLE 22UH MICRO INDUCTOR 18UH			8-729-101-36		2SC2785TP-H	
1 304		MICRO INDUCTOR 150H		Q441 0442	8-729-117-54 8-729-178-54	TRANSISTOR TRANSISTOR		
_ 00 1	1-100-111-00	THERE INDUCTOR ISON		0443	8-729-178-54			
1_305	1-408-411-00	MICRO INDUCTOR 15UH		1				
1306	1-408-417-00	MICRO INDUCTOR 47UH		Q444	8-729-117-54	TRANSISTOR		
1_307 1_308	1-408-412-00	MICRO INDUCTOR 18UH COIL 3.58MHZ TRAP		Q445	8-729-117-54 8-729-178-54	TRANSISTOR		
401	1-408-398-00	MICRO INDUCTOR 1.2UH		Q446	8-729-178-54	TRANSISTOR TRANSISTOR		
				0448	8-729-178-54	TRANSISTOR		
1402	1-408-398-00	MICRO INDUCTOR 1.2UH		1			DUTABLE CL.	
1404	1-408-398-00	MICRO INDUCTOR 1.2UH		I Q449	8-729-117-54	TRANSISTOR		
1330 1331	1-408-236-00 1-407-364-00	MICRO INDUCTOR 2.7MMH		Q450	8-729-178-54	TRANSISTOR		
_1001	1-407-304-00	COI'L, SPOOK CHOKE 3.3UH		Q451 Q452	8-729-117-54 8-729-178-54	TRANSISTOR TRANSISTOR		
	TRA	NSISTOR		Q453	8-729-117-54	TRANSISTOR		
0101	0 720 117 54	TRANSISTOR OSA1175						
Q101 Q102	8-729-117-54 8-729-117-54	TRANSISTOR 2SA1175 TRANSISTOR 2SA1175		Q454 Q470	8-729-117-54	TRANSISTOR		
0103	8-729-178-54	TRANSISTOR 2SC2785		Q470	8-729-117-54 8-729-178-54	TRANSISTOR TRANSISTOR		
Q104	8-729-178-54	TRANSISTOR 2SC2785		Q472	8-729-178-54	TRANSISTOR	2SC2785	
Q105	8-729-178-54	TRANSISTOR 2SC2785		Q473	8-729-178-54	TRANSISTOR		
9200								
Decay Co.	8-729-117-54	TRANSISTOR 25A1175		0/17/	9 720 170 FA	TDANCICTOR	25C270E	
Q106 Q107	8-729-117-54 8-729-178-54	TRANSISTOR 2SA1175 TRANSISTOR 2SC2785		Q474 0475	8-729-178-54 8-729-178-54	TRANSISTOR TRANSISTOR		

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Def Ne Deat No	Description		Domank	I Dof No	Dant No	Description				Domank
Ref.No. Part No.	Description		Remark	Rei .No.	Part No.	Description				Remark
01301 8-729-178-54	TRANSISTOR 2SC2785			R117	1-249-429-11	CARBON	10K	5%	1/6W	
01302 8-729-117-54	TRANSISTOR 2SA1175			R118	1-249-429-11	CARBON	10K	5%	1/6W	
Q1303 8-729-178-54 Q1304 8-729-178-54	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785			R119	1-249-441-11 1-249-382-11	CARBON	100K 1.2	5% 5%	1/6W 1/6W	F
01305 8-729-178-54	TRANSISTOR 2SC2785			R121	1-247-739-11	CARBON	100	5%		F
Q2000 0 123 210 01										
Q1306 8-729-178-54	TRANSISTOR 2SC2785			R122	1-249-389-11	CARBON	4.7	5%	-,	F
Q1307 8-729-178-54 Q1308 8-729-178-54	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785			R123	1-247-845-00 1-249-469-11	CARBON CARBON	3.9K 100K	5% 5%	1/6W 1/4W	
01311 8-729-117-54	TRANSISTOR 2502705			R125	1-249-433-11	CARBON	22K	5%	1/6W	
Q1331 8-729-178-54	TRANSISTOR 2SC2785			R126	1-247-726-11	CARBON	33K	5%	1/4W	
01332 8-729-117-54	TRANSISTOR 2SA1175			 R128	1-249-405-11	CARBON	100	5%	1/6W	
01333 8-729-117-54	TRANSISTOR 2SA1175			R129	1-249-421-11	CARBON		5%	1/6W	
Q1334 8-729-117-54	TRANSISTOR 2SA1175			R130	1-247-706-11	CARBON	330	5%	1/4W	
Q1401 8-729-117-54	TRANSISTOR 2SA1175			R131	1-249-417-11		1K	5%	1/6W	
Q1402 8-729-117-54	TRANSISTOR 2SA1175			R132	1-249-417-11	CARBON	1K	5%	1/6W	
01403 8-729-117-54	TRANSISTOR 2SA1175			R133	1-249-421-11	CARBON	2.2K	5%	1/6W	
Q1404 8-729-117-54	TRANSISTOR 2SA1175			R134	1-249-421-11	CARBON	2.2K	5%	1/6W	
Q1405 8-729-117-54	TRANSISTOR 2SA1175			R135	1-249-421-11	CARBON	2.2K	5%	1/6W	
01406 8-729-117-54	TRANSISTOR 2SA1175			R136 R137	1-249-421-11	CARBON CARBON	2.2K 2.2K	5% 5%	1/6W 1/6W	
Q1407 8-729-117-54	TRANSISTOR 2SA1175			K131	1-243-421-11	CARBON	2. ZN	376	1700	
Q1408 8-729-117-54	TRANSISTOR 2SA1175			R138	1-249-421-11	CARBON	2.2K	5%	1/6W	
Q1409 8-729-117-54	TRANSISTOR 2SA1175			R140	1-249-421-11	CARBON	2.2K	5%	1/6W	
Q1410 8-729-117-54	TRANSISTOR 2SA1175			R141	1-249-421-11	CARBON	2.2K	5% 5%	1/6W 1/6W	
Q1411 8-729-117-54 Q1412 8-729-117-54	TRANSISTOR 2SA1175 TRANSISTOR 2SA1175			R142	1-249-421-11	CARBON CARBON	2.2K 2.2K	5%	1/6W	
Q1412 0-729-117-34	TRANSISTOR ZSAIITS			1145	1 243 421 11	CARBON				
Q1413 8-729-117-54	TRANSISTOR 2SA1175			R144	1-247-710-11	CARBON	560	5%	1/4W	
Q1414 8-729-117-54	TRANSISTOR 2SA1175			R145	1-249-421-11	CARBON	2.2K 2.2K	5% 5%	1/6W 1/6W	
Q1415 8-729-117-54 01416 8-729-117-54	TRANSISTOR 2SA1175 TRANSISTOR 2SA1175			R146 R147	1-249-421-11	CARBON CARBON	2.2K	5%	1/6W	
01417 8-729-117-54	TRANSISTOR 2SA1175			R148	1-249-414-11	CARBON	560	5%	1/6W	
				1 5140	1 047 000 00	040000	1504	F ~	1 /611	
Q1418 8-729-117-54	TRANSISTOR 2SA1175			R149	1-247-883-00	CARBON CARBON	150K 2.7K	5% 5%	1/6W 1/6W	
Q1419 8-729-178-54 01420 8-729-117-54	TRANSISTOR 2SC2785 TRANSISTOR 2SA1175			R151	1-247-845-00	CARBON	3.9K	5%	1/6W	
01421 8-729-600-12				R152	1-249-421-11	CARBON	2.2K	5%	1/6W	
	TRANSISTOR 2SC2785			R153	1-249-421-11	CARBON	2.2K	5%	1/6W	
DE	SISTOR			R154	1-249-421-11	CARBON	2.2K	5%	1/6W	
17 6-1	51516K			R155	1-249-421-11	CARBON	2.2K	5%	1/6W	
R101 1-247-787-00	CARBON 15	5% 1/6W		R156	1-247-717-11	CARBON	2.2K	5%	1/4W	
R102 1-247-787-00		5% 1/6W		R157	1-247-791-00	CARBON	22	5%	1/6W	
R103 1-249-441-11	CARBON 100K			R158	1-247-791-00	CARBON	22	5%	1/6W	
R104 1-249-441-11	CARBON 100K CARBON 82	5% 1/6W 5% 1/6W		R159	1-247-791-00	CARBON	22	5%	1/6W	
R105 1-247-805-00	CARBON 82	3% 1/0W		R160	1-247-791-00	CARBON	22	5%	1/6W	
R106 1-247-823-00	CARBON 470	5% 1/6W		R161	1-247-791-00	CARBON	22	5%	1/6W	
R107 1-249-421-11	CARBON 2.2K			R162	1-247-791-00	CARBON	22	5%	1/6W	
R108 1-249-433-11	CARBON 22K	5% 1/6W		R163	1-247-791-00	CARBON	22	5%	1/6W	
R109 1-249-433-11		5% 1/6W		1 0164	1 247 701 00	CADRON	22	50/	1/6W	
R110 1-249-465-11	CARBON 47K	5% 1/4W		R164 R165	1-247-791-00 1-247-791-00	CARBON CARBON	22	5% 5%	1/6W	
R111 1-249-437-11	CARBON 47K	5% 1/6W		R166	1-247-791-00	CARBON	22	5%	1/6W	
R112 1-247-851-00				R167	1-247-791-00		22	5%	1/6W	
R113 1-249-421-11				R168	1-247-791-00	CARBON	0.0	5%	1/6W	
R114 1-249-421-11	CARBON 2.2K	5% 1/6W		1		******	0.0	F.04	1 /6	
R115 1-249-425-11	CARBON 4.7K	5% 1/6W		R171	1-247-791-00	CARBON	22 22	5% 5%	1/6W 1/6W	
R116 1-249-414-11	CARBON 560	5% 1/6W		R172 R173	1-247-791-00 1-247-791-00	CARBON CARBON	22	5%	1/6W	
VIIO 1-5-77-714-11	5,110011	2/011		1						



Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R176	1-249-429-11	CARBON	10K	5%	1/6W		I R333	1-247-815-00	CARBON	220	5%	1/6W	
R178	1-249-433-11	CARBON	22K	5%	1/6W		R334	1-247-815-00	CARBON	220	5%	1/6W	
R179	1-249-421-11	CARBON	2.2K	5%	1/6W		I R335	1-249-417-11	CARBON	1K	5%	1/6W	
R180	1-249-421-11	CARBON	2.2K	5%	1/6W		R336	1-249-417-11	CARBON	1K	5%	1/6W	
R181	1-249-421-11	CARBON	2.2K	5%	1/6W		R337	1-247-713-11	CARBON	1K	5%	1/4W	
0100	1 047 020 00	2177011	0 01/	F 0/	1 (6)		1 0000	1 047 015 00	0.00001	0.00	F/	2	
R182	1-247-839-00	CARBON	2.2K	5%	1/6W		R338	1-247-815-00	CARBON	220	5%	1/6W	
R183	1-249-433-11	CARBON	22K	5%	1/6W		R339	1-249-417-11	CARBON	1K	5%	1/6W	
R184	1-249-437-11	CARBON	47K	5%	1/6W		R340	1-249-417-11	CARBON	1K	5%	1/6W	
R185 R186	1-249-417-11 1-249-417-11	CARBON CARBON	1K 1K	5% 5%	1/6W 1/6W		R341	1-249-441-11 1-249-441-11	CARBON	100K 100K		1/6W	
K100	1-249-41/-11	CARDON	TV	3/6	1/0W		1 1342	1-249-441-11	CARBON	1000	36	1/6W	
R187	1-249-417-11	CARBON	1K	5%	1/6W		R343	1-249-429-11	CARBON	10K	5%	1/6W	
R188	1-249-417-11	CARBON	1K	5%	1/6W		R344	1-249-441-11	CARBON	100K	5%	1/6W	
R189	1-249-417-11	CARBON	1K	5%	1/6W		R345	1-249-419-11	CARBON	1.5K		1/6W	
R190	1-249-417-11	CARBON	1K	5%	1/6W		R346	1-249-422-11	CARBON	2.7K		1/6W	
R191	1-249-417-11	CARBON	1K	5%	1/6W		R347	1-247-895-00	CARBON	470K	5%	1/6W	
R192	1-247-717-11	CARBON	2.2K	5%	1/4W		R348	1-247-842-00	CARBON	3K	5%	1/6W	
R193	1-249-425-11	CARBON	4.7K	5%	1/6W		R349	1-247-897-00	CARBON	560K		1/6W	
R194	1-249-405-11	CARBON	100	5%	1/6W		R351	1-247-899-00	CARBON	680K		1/6W	
R195	1-249-441-11	CARBON	100K	5%	1/6W		R352	1-249-405-11	CARBON	100	5%	1/6W	
R196	1-249-405-11	CARBON	100	5%	1/6W		R353	1-249-423-11	CARBON	3.3K		1/6W	
0100	1 240 422 11	CARRON	0.014	E 0/	1 /61/		1 0254	1 240 417 11	CARRON	11/	F &	1 / ()	
R198	1-249-433-11	CARBON	22K	5%	1/6W		R354	1-249-417-11	CARBON	1K	5%	1/6W	
R199	1-249-437-11	CARBON	47K	5%	1/6W		R355	1-249-433-11	CARBON	22K	5%	1/6W	
R 301 R 302	1-247-819-00	CARBON	330 180	5% 5%	1/6W 1/6W		R357	1-247-829-00 1-247-845-00	CARBON	820 3.9K	5% 5%	1/6W 1/6W	
R 302	1-249-417-11	CARBON CARBON	1K	5%	1/6W		R359	1-247-823-00	CARBON CARBON	470	5%	1/6W	
K 303	1-249-41/-11	CARDON	IK	J /0	1/ OW		1 4333	1-247-023-00	CARDON	470	J /6	1/ UW	
R304	1-249-414-11	CARBON	560	5%	1/6W		R360	1-247-833-00	CARBON	1.2K	5%	1/6W	
R305	1-247-836-00	CARBON	1.6K	5%	1/6W		R381	1-249-417-11	CARBON	1K	5%	1/6W	
R306	1-247-823-00	CARBON	470	5%	1/6W		R382	1-247-826-00	CARBON	620	5%	1/6W	
R307	1-247-873-00	CARBON	56K	5%	1/6W		R383	1-247-838-00	CARBON	2K	5%	1/6W	
R308	1-247-862-00	CARBON	20K	5%	1/6W		R384	1-249-419-11	CARBON	1.5K	5%	1/6W	
R309	1-249-417-11	CARBON	1K	5%	1/6W		R385	1-249-434-11	CARBON	27K	5%	1/6W	
R310	1-249-425-11	CARBON	4.7K	5%	1/6W		R386	1-249-432-11	CARBON	18K	5%	1/6W	
R311	1-247-821-00	CARBON	390	5%	1/6W		I R387	1-247-823-00	CARBON	470	5%	1/6W	
R312	1-247-866-00	CARBON	30K	5%	1/6W		R388	1-249-417-11	CARBON	1K	5%	1/6W	
R313	1-247-873-00		56K	5%	1/6W		R389	1-247-829-00		820	5%	1/6W	
R314	1-247-823-00	CARRON	470	5%	1/6W		1 0200	1-247-822-00	CARBON	430	5%	1/6W	
R315	1-247-823-00	CARBON CARBON	470	5%	1/6W		R390	1-247-822-00		330	5%	1/6W	
R316	1-247-823-00	CARBON	470	5%	1/6W		R391	1-249-405-11	CARBON	100	5%	1/6W	
R317	1-249-422-11	CARBON	2.7K	5%	1/6W		R393	1-249-405-11	CARBON	100	5%	1/6W	
R318	1-249-415-11	CARBON	680	5%	1/6W		R394	1-249-405-11	CARBON	100	5%	1/6W	
11310	1-243-413-11	CARDON	000	3 76	1/04		1 11334	1-2-7-403-11	CARDON	100	576	1/011	
R319	1-247-711-11	CARBON	680	5%	1/4W		R401	1-249-405-11	CARBON	100	5%	1/6W	
R 320	1-249-415-11	CARBON	680	5%	1/6W		R402	1-247-821-00		390	5%	1/6W	
R321	1-249-415-11	CARBON	680	5%	1/6W		R403	1-249-433-11	CARBON	22K	5%	1/6W	
R322	1-247-803-00		68	5%	1/6W		R404	1-247-829-00		820	5%	1/6W	
R323	1-247-833-00	CARBON	1.2K	5%	1/6W		R405	1-247-706-11	CARBON	330	5%	1/4W	
R324	1-247-815-00	CARBON	220	5%	1/6W		R407	1-247-815-00	CARBON	220	5%	1/6W	
R325	1-247-815-00		220	5%	1/6W		R409	1-247-815-00		220	5%	1/6W	
R326	1-249-421-11		2.2K		1/6W		R410	1-249-429-11		10K	5%	1/6W	
R327	1-249-415-11		680	5%	1/6W		R411	1-249-429-11		10K	5%	1/6W	
R 328	1-247-819-00	CARBON	330	5%	1/6W		R412	1-249-405-11	CARBON	100	5%	1/6W	
R329	1-249-415-11	CARBON	680	5%	1/6W		R413	1-247-815-00	CARBON	220	5%	1/6W	
R330	1-249-437-11		47K	5%	1/6W		R414	1-247-704-11		220	5%	1/4W	
R331	1-249-433-11	CARBON	22K	5%	1/6W		R415	1-247-704-11	CARBON	220	5%	1/4W	



Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R416	1-247-704-11	CARBON	220	5%	1/4W		R1102	1-247-719-11	CARBON	3.3K	5%	1/4W	
R418	1-249-405-11	CARBON	100	5%	1/6W		R1103	1-249-441-11	CARBON	100K	5%	1/6W	
R419	1-247-903-00	CARBON	1M	5%	1/6W		R1301	1-247-704-11	CARBON	220	5%	1/4W	
R420	1-247-725-11	CARBON	10K	5%	1/4W		R1302	1-247-859-00	CARBON	15K	5%	1/6W	
R421	1-247-162-00	CARBON	20K	5%	1/4W		R1303	1-247-857-00		12K	5%	1/6W	
R422	1-247-725-11	CARBON	10K	5%	1/4W		R1304	1-247-881-00	CARBON	120K	5%	1/6W	
R423	1-247-172-00	CARBON	51K	5%	1/4W		R1305	1-247-887-00	CARBON	220K	5%	1/6W	
R424	1-249-432-11	CARBON	18K	5%	1/6W		R1306	1-247-887-00	CARBON	220K	5%	1/6W	
R425	1-247-725-11	CARBON	10K	5%	1/4W		R1307	1-249-433-11	CARBON	22K	5%	1/6W	
R426	1-247-704-11	CARBON	220	5%	1/4W		R1308	1-249-429-11	CARBON	10K	5%	1/6W	
R440	1-249-421-11	CARBON	2.2K	5%	1/6W		R1309	1-249-433-11	CARBON	22K	5%	1/6W	
R441	1-249-423-11		3.3K	5%	1/6W		R1310	1-249-433-11	CARBON	22K	5%	1/6W	
R442	1-249-437-11	CARBON	47K	5%	1/6W		R1311	1-249-417-11	CARBON	1K	5%	1/6W	
R443	1-249-435-11		33K	5%	1/6W		R1312	1-249-429-11	CARBON	10K	5%	1/6W	
R444	1-247-870-00	CARBON	43K	5%	1/6W		R1313	1-249-429-11	CARBON	10K	5%	1/6W	
R445	1-247-849-00	CARBON	5.6K	5%	1/6W		R1314	1-249-434-11	CARBON	27K	5%	1/6W	
R452	1-249-441-11	CARBON	100K	5%	1/6W		R1315	1-247-845-00	CARBON	3.9K	5%	1/6W	
R453	1-247-819-00	CARBON	330	5%	1/6W		R1316	1-247-815-00	CARBON	220	5%	1/6W	
R454	1-247-829-00	CARBON	820	5%	1/6W		R1317	1-249-433-11	CARBON	22K	5%	1/6W	
R455	1-247-815-00	CARBON	220	5%	1/6W		R1318	1-249-419-11	CARBON	1.5K	5%	1/6W	
R457	1-247-845-00	CARBON	3.9K	5%	1/6W		R1319	1-247-819-00	CARBON	330	5%	1/6W	
R459	1-249-429-11	CARBON	10K	5%	1/6W		R1320	1-249-405-11	CARBON	100	5%	1/6W	
R460	1-249-423-11		3.3K	5%	1/6W		R1321	1-249-421-11	CARBON	2.2K	5%	1/6W	
R461	1-249-423-11		3.3K	5%	1/6W		R1322	1-249-421-11	CARBON	2.2K	5%	1/6W	
R470	1-249-460-11	CARBON	15K	5%	1/4W		R1323	1-247-891-00	CARBON	330K	5%	1/6W	
R472	1-247-713-11		1K	5%	1/4W		R1324	1-247-891-00	CARBON	330K	5%	1/6W	
R473	1-249-417-11	CARBON	1K	5%	1/6W		R1325	1-249-417-11	CARBON	1K	5%	1/6W	
R474	1-249-417-11	CARBON	1K	5%	1/6W			1-216-349-51	METAL OXIDE	100	5%	1W	F
R475	1-247-815-00	CARBON	220	5%	1/6W		R1334	1-249-421-11		2.2K	5%	1/6W	
R476	1-249-425-11	CARBON	4.7K	5%	1/6W		R1335	1-249-405-11	CARBON	100	5%	1/6W	
R477	1-249-425-11	CARBON	4.7K	5%	1/6W		R1336	1-249-429-11	CARBON	10K	5%	1/6W	
R479	1-249-435-11		33K	5%	1/6W		R1337	1-249-429-11	CARBON	10K	5%	1/6W	
R480	1-247-815-00		220	5%	1/6W		R1338	1-247-710-11	CARBON	560	5%	1/4W	
R481	1-247-815-00		220	5%	1/6W		R1339	1-247-823-00	CARBON	470	5%	1/6W	
R482	1-247-848-00	CARBON	5.1K	5%	1/6W		R1340	1-247-815-00	CARBON	220	5%	1/6W	
R483	1-247-815-00	CARBON	220	5%	1/6W		R1341	1-247-819-00	CARBON	330	5%	1/6W	
R484	1-249-441-11	CARBON	100K	5%	1/6W		R1342	1-247-710-11	CARBON	560	5%	1/4W	
R485	1-247-891-00		330K	5%	1/6W		R1343	1-247-845-00	CARBON	3.9K	5%	1/6W	
R486	1-249-429-11	CARBON		5%	1/6W		R1344	1-249-437-11	CARBON	47K	5%	1/6W	
R487	1-249-417-11	CARBON	1K	5%	1/6W		R1345	1-247-901-00	CARBON	820K	5%	1/6W	
R488	1-247-887-00	CARBON	220K	5%	1/6W		R1346	1-202-730-00	SO'_ ID	8.2M	10%	1/2W	
R489	1-247-851-00	CARBON	6.8K	5%	1/6W		R1347	1-249-422-11	CARBON	2.7K	5%	1/6W	
R490	1-249-417-11	CARBON	1K	5%	1/6W		R1348	1-247-815-00	CARBON	220	5%	1/6W	
R491	1-249-429-11	CARBON	10K	5%	1/6W			1-249-423-11	CARBON	3.3K	5%	1/6W	
R492	1-249-417-11	CARBON	1K	5%	1/6W		R1350	,1-215-471-91	METAL_	120K	1%	1/6W	
R493	1-249-405-11	CARBON		5%	1/6W		R1401	1-249-423-11	CARBON	3.3K	5%	1/6W	
R494	1-249-433-11	CARBON	22K	5%	1/6W		R1402	1-249-423-11	CARBON	3.3K	5%	1/6W	
R495	1-249-429-11	CARBON	10K	5%	1/6W		R1403	1-249-423-11	CARBON	3.3K	5%	1/6W	
R496	1-247-857-00	CARBON	12K	5%	1/6W		R1404	1-249-423-11		3.3K	5%	1/6W	
R497	1-247-844-00	CARBON	3.6K	5%	1/6W		R1405	1-247-833-00	CARBON	1.2K	5%	1/6W	
R498	1-249-421-11	CARBON	2.2K	5%	1/6W		R1406	1-249-417-11	CARBON	1K	5%	1/6W	
R499	1-249-429-11	CARBON	10K	5%	1/6W		R1407	1-249-417-11 1-249-405-11	CARBON	1K 100	5% 5%	1/6W 1/6W	
R1101	1-249-441-11	CARBON	100K	5%	1/6W				CARBON				

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BB2F

Ref.No.	Part No.	Descriptio	n			Remark	Ref.No.	. Part No.	Description				Rem	ark
R1410 R1411	1-249-405-11 1-249-405-11 1-215-409-00 1-249-417-11	CARBON CARBON ME TAL CARBON	100 100 330 1K	5% 5% 1% 5%	1/6W 1/6W 1/6W 1/6W		C315 C322 C323	1-123-307-00 1-102-971-00 1-123-307-00		100MF 82PF 100MF		20% 5% 20%	10V 50V 10V	
	1-214-727-00	ME TA'_	820	1%	1/4W			DEL	AY LINE					
R1415	1-214-727-00 1-247-838-00	ME TAL CARBON	820 2K	1% 5%	1/4W 1/6W			1-415-509-11 1-415-509-11						
R1417	1-249-417-11 1-215-409-00 1-215-409-00	CARBON METAL METAL	1K 330 330	5% 1% 1%	1/6W 1/6W 1/6W			CON	NECTOR					
			220	1 o/	1/61/		P201	*1-562-516-11	CONNECTOR,	BOARD TO	BOARI	D 5P		
R1420	1-215-409-00 1-215-409-00 1-247-833-00	ME TAL CARBON	330 330 1.2K	1% 1% 5%	1/6W 1/6W 1/6W			TRA	NSISTOR					
R1422	1-249-429-11 1-249-423-11	CARBON CARBON	10K 3.3K	5% 5%	1/6W 1/6W		Q310 Q311 Q312	8-729-178-54 8-729-117-54 8-729-117-54	TRANSISTOR TRANSISTOR TRANSISTOR	2SA1175				
	1-247-869-00 1-249-432-11	CARBON CARBON	39K 18K	5% 5%	1/6W 1/6W		Q319 Q320	8-729-117-54 8-729-178-54	TRANSISTOR TRANSISTOR	2SA1175				
R1426 R1427 R1428	1-249-421-11 1-249-421-11 1-247-829-00	CARBON CARBON CARBON	2.2K 2.2K 820	5% 5% 5%	1/6W 1/6W 1/6W		Q321	8-729-178-54	TRANSISTOR	2SC2785				
R1429	1-215-421-00	ME TAL	1K	1%	1/6W		1	RES	SISTOR					
R1430 R1431 R1432	1-215-421-00 1-215-432-00 1-249-429-11 1-249-429-11 1-249-441-11	METAL CARBON CARBON CARBON	3K 10K 10K 10K	1% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W		R361 R362 R363 R364	1-247-845-00 1-249-433-11 1-249-421-11 1-249-417-11	CARBON CARBON CARBON CARBON	3.9K 22K 2.2K 1K	5% 5% 5%	1/6W 1/6W 1/6W 1/6W		
	VAR	IABLE RESIS	STOR				R365	1-249-417-11	CARBON	1K	5%	1/6W		
RV401 RV402 RV403	1-228-718-00 1-228-724-00 1-228-724-00 1-228-724-00 1-228-724-00		CERAMIC (CERAMIC (CERAMIC)	CARBON CARBON CARBON	10K 10K 10K		R366 R367 R368 R369 R370	1-247-833-00 1-249-417-11 1-249-417-11 1-249-417-11 1-249-421-11	CARBON CARBON CARBON CARBON CARBON	1.2K 1K 1K 1K 2.2K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		
RV1401 RV1402	1-228-724-00 1-228-719-00 1-228-719-00 1-228-724-00	RES, ADJ, RES, ADJ, RES, ADJ, RES, ADJ,	CERAMIC C	CARBON CARBON	470 470		R371 R372 R373 R374 R375	1-249-417-11 1-249-420-11 1-249-421-11 1-249-414-11 1-249-419-11	CARBON CARBON CARBON CARBON CARBON	1K 1.8K 2.2K 560 1.5K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		
	TRA	ANSFORMER					R376	1-247-821-00	CARBON	390	5%	1/6W		
T301	1-425-786-00		ER, BANDP	ASS(BP	Γ)		R377 R378 R379	1-247-821-00 1-249-421-11 1-249-435-11	CARBON CARBON CARBON	390 2.2K 33K	5% 5%	1/6W 1/6W 1/6W		
	CRY	/STAI_					R380	1-247-859-00	CARBON	15K	5%	1/6W		
X101 X401	1-567-192-11 1-527-722-00	OSCILLATOR OSCILLATOR					*****	*1-619-285-11	F BOARD	******	****	*****	****	***
*****	*********	******	*****	*****	*****	******	*		*****					
	*1-619-318-11	B2 B0ARD						CA	PACITOR					
	CAF	PACITOR					C602	A.1-136-346-11 A.1-136-346-11 A.1-162-578-51	FILM	0.22MF 0.22MF 0.0047		20% 20% 20%	125 125 400	٧
C309 C310	1-101-006-00 1-123-318-00	ELECT	0.047 33MF		20%	50V 16V		A.1-162-578-51 1-162-578-00	CERAMIC	0.004	7MF	20% 20% 20%	400	V
C313 C314	1-123-307-00 1-102-963-00		100MF 33PF		20% 5%	10V 50V	C606	1-162-578-00	CERAMIC	0.004	7M F	20%	400	V

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Ref.No. Part No.	Description	Remark	Ref.No. Part No.	Description	Rema	ark
C607 1-125-295-00 C608 1-125-295-00 C611 1-162-578-51 C612 1-162-578-51	E'_ECT(B'_OCK) 560MF 2 CERAMIC 0.0047MF 2	200V 200W 200W 200W 400V 400V	*1-613-423-11	GA BOARD ******* AC LTOR		
			1,	_00_00 60	54 0004	
D601 8-719-911-55 D602 8-719-911-55 D603 A.8-719-938-40	DIODE UOSG DIODE UOSG DIODE SIBO1-02V1		C652	FILM 0.1MF FILM 0.1MF FILM 0.12MF CERAMIC 0.0047MF FILM 0.22MF	5% 200V 5% 200V 5% 400V 20% 400V 5% 400V	
	NNECTOR		C672 1-162-318-11	CERAMIC 0.001MF	10% 500V	
F1 *1-508-765-00 F2 *1-566-063-11 F3 *1-508-765-00 F4 *1-508-765-00 F5 *1-508-784-00	3P PLUG (M) PIN, CONNECTOR 11P 3P PLUG (M) 3P PLUG (M)		C673	CERAMIC 0.001MF CERAMIC 0.001MF CERAMIC 0.001MF CERAMIC 330PF CERAMIC 330PF	10% 500V 10% 500V 10% 500V 10% 500V	
	1P PLUG		1971 22		10% 5000	
F6 *1-506-371-00 F7 *1-508-765-00	2P PLUG (L) 3P PLUG (M)		DIO	DE		
F8 1-506-348-XX F9 *1-508-784-00 F10 1-506-348-XX	4P P_UG 1P P_UG 3P P_UG ('_)		D651	DIODE RM2CSS DIODE V19E DIODE RM2CSS DIODE V19E		
F11 *1-508-784-00	1P PLUG		CON	NECTOR		
FU	SE		64 *1-508-765-00			
	FUSE, GLASS TUBE 7A/125V					
1-533-190-11	CLIP, FUSE; F601		COI			
<u>C0</u>	I'L COIL, SPOOK CHOKE		1-425-612-00 1-660 1-425-612-00	COI', ARE-CORE COI', ARE-CORE COI', ARE-CORE		
RE	SISTOR		1-425-612-00	COIL, ARE-CORE		
R601 A.1-202-719-91	NUMBER OF STREET	1/2W	TRA	NSISTOR		
R602 A. 1-202-723-91 R603 1-244-923-00 R604 1-244-923-00	SO'_ID 2.2M 10% CARBON 120K 5%	1/2W 1/2W 1/2W 1/2W	4-374-104-01	TRANSISTOR 2SC3163-T HOLDER, TR; Q651 SPACER, MICA; Q651 TRANSISTOR 2SC3163-T HOLDER, TR; Q652		
RL601/1.1-515-491-11	THE METHOD OF US		4_374_108_01	SPACER, MICA; Q652		
	ANSFORMER		1	ISTOR		
T601 A.1-421-730-11			j		3W F	
T602 A.1-421-730-11	LFT TRANSFORMER, POWER		R652 1-215-926-00 R653 1-202-846-00	META'_ OX IDE 33K 5% SO'_ID 470K 10	3W F % 1/2W	
TH	ERMISTOR		R655	METAL OXIDE 1 5% METAL OXIDE 1 5%		
	THERMISTOR (POSITIVE) THERMISTOR (POSITIVE)		R660 1-202-846-00 R662 A. 1-207-451-11			
			I TRA	NSFORMER		
			T651 A.1-421-695-11 T652 A.1-421-710-11	COT		
			The state of the s			

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f.No. Part	No.	Description			Remark	Ref.No	. Part No.	Description				Rem
*1-61	3-424-11	GB BOARD				10	RES	SISTOR				
	1-946-22	COIL, SPOOK LABEL, FUSE	CHOKE 3.3UH			R658	↑. 1-206-700- 61 ↑. 1-246-987-11 ↑. 1-246-987-11 ↑. 1-202-653-15	CARBON CARBON	33K 47 47 2.2M	5% 5% 5% 5%	2W 1/8W 1/8W 1/2W	F F
	CAP	AC I TOR					TRA	ANSFORMER				
658 1-12 659 1-12 660 1-12	29-710-00	MYLAR ELECT FILM FILM	0.01MF 22MF 0.0047MF 0.0047MF	10% 20% 10% 10%	100V 25V 630V 630V	T653	A.1-421-894-11	PIT	*****	****	*****	****
662 △. 1-12			0.014MF 560MF	5%	1KV		*A-1330-784-A	C BOARD, COM				
664 1-16 665 ♠. 1-12		CERAMIC CERAMIC ELECT	0.001MF 0.001MF 2200MF	10% 10% 20%	500V 500V 25V		1-526-644-71					
666 ⚠. 1-12	23-324-51	ELECT	1000MF	20%	16V		<u>C Or</u>	NNECTOR				
668 1-16 669 ♠.1-12 670 ♠.1-12		CERAMIC CERAMIC ELECT ELECT CERAMIC	0.001MF 0.001MF 470MF 470MF 0.047MF	10% 10% 20% 20%	500V 500V 35V 35V 50V	C1	*1-506-054-11 *1-566-055-11 *1-566-061-11 *1-566-054-11	PIN, CONNECT	TOR 3P			
684 1-12	24-038-00	ELECT	1MF	20%	50V	C7	*1-508-768-00 *1-508-784-00	6P PLUG				
	DIO	DDE				1 00						
*4-36 0656	19-982-04	DIODE CTU-24 HEAT SINK (T DIODE CTL-12 DIODE ERB81- DIODE CTL-12	R); D655 S 004			 C701 C702 C703 C704 C705	1-162-115-00 1-129-779-00 1-123-383-00 1-123-948-00 1-108-433-00	FILM ELECT ELECT	330PF 0.022M 4.7MF 22MF 0.1MF	IF	10% 20% 20% 20% 10%	2KV 1KV 100' 250' 200'
659 <u>↑</u> 8-7. 661 8-7.	19-301-09 19-982-04	DIODE CTL-12 DIODE ERB81-				C706 C707	1-108-433-00 1-102-116-00	MY'_AR	0.1MF 680PF		10%	200 50v
651 A 1_5	FUS	FUSE, GLASS	TUBE 1.6A/1	25V		C708 C709 C710	1-102-116-00 1-102-116-00 1-102-115-00	CERAMIC CERAMIC	680 PF 680 PF 560 PF		10% 10% 10%	50V 50V 50V
031 /: ,, 1 = 0.		INEC TOR	1002 2.007	201					10MF		20%	
5 *1-5	08-765-00	3P PLUG (M)				C711		CERAMIC CERAMIC ELECT	560PF 680PF 220MF	OPF OPF	10% 10% 20% 10%	25V 50V 50V 16V 50V
C651∧1-2	35-445-11	MODULE, POWE	R (DM-21)			C718	1-102-125-00		0.0047		10%	50V
	<u>CO</u> 1	<u>u-</u>				C723 C753 C754	1-108-634-81 1-102-971-00 1-108-617-91	CERAMIC	0.047N 82PF 0.0018		10% 5% 10%	100 50v 100
654 1-4 655 1-4 656 1-4 657 1-4	07-365-00 07-364-00 59-406-00 08-225-00	COIL (WITH O	CHOKE 3.3UH			C755 C756 C757 C758 C759	1-123-356-00 1-106-196-00 1-106-196-00 1-102-963-00 1-102-963-00	MYLAR MYLAR CERAMIC CERAMIC	10MF 0.01MF 0.01MF 33PF 33PF		20% 10% 10% 5%	25V 100 100 50V 50V
659 1-4		COIL, CHOKE COIL, SPOOK CHOKE COIL	CHOKE			C760 C762 C763			0.001 0.01MI 10MF		10% 10% 20%	100

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PVM-2530 RM-739



Ref.No.	Part No.	Description			Remark	Ref.No	. Part No.	Description				Rem	ark
C764 C765 C766	1-106-220-00 1-123-380-00 1-123-360-00	MYLAR ELECT ELECT	0.1MF 1MF 100MF	10% 20% 20%	100V 50V 50V	Q757 Z	∆.8-729-177-42 RES	TRANSISTOR 2	SD774-3	BELLEY.			
	DIO	IDE.				1 0701	A. 1-212-352-61	ME TAL OUT DE	0.00	Fal	. 1.1	. <u> </u>	
D701 D702 D703 D704	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119				R701 2 R702 R703 R704 R705	1-202-846-00 1-202-844-00 1-202-815-11 1-202-846-00	META' OXIDE SO' ID SO' ID SO' ID SO' ID	0,22 470K 330K 47K 470K	5% 10% 10% 10% 10%	1W 1/2W 1/2W 1/2W 1/2W		
D705 D706 D707	8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119				R706 R707 R708 R709	1-202-720-00 1-202-842-11 1-202-818-00 1-202-818-00	SO'_ ID SO'_ ID SO'_ ID SO'_ ID	1.2M 220K 1K 1K	10% 10% 10% 10%	1/2W 1/2W 1/2W 1/2W		
D708 D709	8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119				R710	1-202-818-00	SO'_ID	1K	10%	1/2W		
D710 D711 D712 D713	8-719-901-83 8-719-901-83 8-719-901-83 8-719-901-83	DIODE 1SS83 DIODE 1SS83 DIODE 1SS83 DIODE 1SS83				R711 R712 R713 R714 R715	1-202-549-00 1-202-543-00 1-216-486-00 1-247-815-00 1-249-429-11	SO'_ID SO'_ID META'_ OX IDE CARBON CARBON	100 56 8.2K 220 10K	10% 10% 5% 5% 5%	1/2W 1/2W 3W 1/6W 1/6W	-	
D751 D752	8-719-911-19 8-719-911-19	DIODE 1SS119				R716 R717 R720	1-216-486-00 1-247-815-00 1-216-486-00	METAL OXIDE CARBON METAL OXIDE	8.2K 220 8.2K	5% 5% 5%	3W 1/6W 3W	F	
1.701 1.702	1-407-701-00 1-407-708-00	MICRO INDUCT				R721 R722	1-247-815-00 1-249-405-11	CARBON CARBON	220 100	5% 5%	1/6W 1/6W		
1703 1704 1705	1-407-706-00 1-407-706-00 1-407-694-00 1-407-696-00	MICRO INDUCT MICRO INDUCT MICRO INDUCT MICRO INDUCT	OR 120UH OR 12UH			R723 R724 R725	1-247-700-11 1-249-405-11 1-249-429-11	CARBON CARBON CARBON	100 100 10K	5% 5% 5%	1/4W 1/6W 1/6W		
1.706 1.707	1-407-709-00 1-407-695-00	MICRO INDUCT	OR 15UH			R726 R727	1-247-813-00 1-249-429-11	CARBON CARBON	180 10K	5% 5%	1/6W 1/6W		
1.721 1.751	1-408-446-11 1-408-399-00	MICRO INDUCT	OR 1.5UH			R728 R729 R730	1-247-813-00 1-249-441-11 1-247-812-00	CARBON CARBON CARBON	180 100K 160	5% 5%	1/6W 1/6W 1/6W		
	IRA	NSISTOR				R731 R732	1-247-719-11 1-247-719-11	CARBON CARBON	3.3K 3.3K	5% 5%	1/4W 1/4W	F	
Q701 Q702 Q703 Q704 Q705	8-729-326-11 8-729-178-54 8-729-200-17 8-729-326-11 8-729-178-54	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	SC2785 SA1091 SC2611 SC2785			R733 R734 R735 R736 R737	1-247-719-11 1-247-715-11 1-246-476-00 1-246-476-00 1-249-441-11	CARBON CARBON CARBON CARBON CARBON	3.3K 1.5K 1.3K 1.3K 100K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/6W	F	
Q707 Q708 Q709 Q710	8-729-200-17 8-729-200-17 8-729-326-11 8-729-178-54 8-729-255-12	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	SA1091 SC2611 SC2785			R739 R740 2 R741 R742 R743	1-247-881-00 1-215-902-51 1-247-873-00 1-247-725-11 1-247-725-11	CARBON METAL OXIDE CARBON CARBON CARBON	120K 47K 56K 10K 10K	5% 5% 5% 5% 5%	1/6W 2W 1/6W 1/4W 1/4W	F F	
Q712 Q714 Q715 Q716 Q751		TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	SA1091 SA1091 SA1091 SC2785			 R744 R745 <u>/</u> R746 <u>/</u> R747	1-247-725-11 1-247-713-51 1-215-879-51 1-247-725-11	CARBON CARBON METAL OX IDE CARBON	10K 1K 47K 10K	5% 5% 5%	1/4W 1/4W 1W 1/4W	F F F	
Q752 Q753 Q754 Q755 Q756	8-729-178-54 8-729-178-54 8-729-177-43 8-729-178-54 8-729-374-02	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	SC2785 SC2785 SD774 SC2785			R751 R752 R753 R754 R755 R756	1-247-704-11 1-247-815-00 1-247-833-00 1-247-821-00 1-215-871-51 1-249-414-11	CARBON CARBON CARBON CARBON METAL OX IDE CARBON	220 1.2K 390 2.2K 560	5% 5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/6W	F	

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	Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
R757	1-247-849-00	CARBON	5.6K 5%	1/6W		C2527	1-108-614-91	MY! AR	0.001MF	10%	100V
R758	1-249-435-11	CARBON	33K 5%	1/6W		C2530		MY'_AR	0.15MF	10%	100V
R759	1-249-393-11	CARBON	10 5%	1/6W	F	C2532		MYLAR	0.01MF	10%	100V
R760	1-247-819-00	CARBON	330 5%	1/6W		C2535	1-108-630-91	MYLAR	0.022MF	10%	100V
R761	1-247-815-00	CARBON	220 5%	1/6W		C2536	1-123-351-00	ELECT	0.47MF	20%	50V
R762	1-247-815-00	CARBON	220 5%	1/6W		C2537	1-123-332-00	ELECT	47MF	20%	25V
R763	1-249-437-11	CARBON	47K 5%	1/6W		C2538	1-123-369-00	ELECT	4.7MF	20%	50V
R764	1-249-397-11	CARBON	22 5%	1/6W	F						
R765	1-249-417-11	CARBON	1K 5%	1/6W		ĺ	CON	NECTOR			
R766	1-249-435-11	CARBON	33K 5%	1/6W		 DO1	+1 566 050 11		*** ***		
0767	1 240 441 11	CADDON	1004 54	1 / ()		D21	*1-566-058-11	PIN, CONNEC	TOR 6P		
R767	1-249-441-11	CARBON	100K 5%	1/6W		D22	*1-508-767-00	5P PLUG			
R768	1-249-435-11		33K 5%	1/6W		D23		4P P_UG (M)			
R769	1-249-417-11	CARBON	1K 5% 4.7 5%	1/6W	E	D24	*1-508-765-00	3P P_UG (M)			
R770 R771	1-249-389-11	CARBON	4.7 5% 4.7 5%	1/6W 1/6W	F	1 825	*1-508-784-00	1P P_UG			
			The A-	1.46		D26	*1-566-054-11	PIN, CONNEC	TOR 2P		
R772	1-247-801-00	CARBON	56 5%	1/6W			DIC	INF.			
	VAR	IABLE RESIST	OR				DIC	IDE .			
						D2501	8-719-911-19	DIODE 1SS11	9		
RV701	1-226-157-00	RES, ADJ, M	ETA'_ G'_AZE 1M			D2502	8-719-920-02	DIODE ERB12	-02		
RV703	1-228-729-00	RES, ADJ, C	ERAMIC CARBON	220K		D2503	8-719-920-02	DIODE ERB12	-02		
R V 7 0 5	1-228-727-00	RES, ADJ, C	ERAMIC CARBON	47K		D2504	8-719-911-19	DIODE 1SS11	9		
RV706	1-228-724-00	RES, ADJ, C	ERAMIC CARBON	10K		D2505	8-719-911-19	DIODE 1SS11	9		
******	*****	*****	******	*****	******	D2506	8-719-920-02	DIODE ERB12	-02		
							8-719-110-51				
	*A-1340-936-A	D2 BOARD, C					COI				
							<u>COI</u>	<u>. L</u>			
	CAP	ACITOR				1 12501					
						1 2502		COIL, DUST			
	1-108-618-91	MYLAR	0.0022MF	10%	100V		1-407-504-00				
	1-108-632-81	MY'_AR	0.033MF	10%	100V	1 2504		COIL (WITH			
C 2503		MY'_AR	0.0033MF	10%	100V	1 2505	1-443-012-00	TRANSFORMER	, DYNAMIC	CONVERSI	ON
C 2504		CERAMIC	0.001MF	10%	50V	1 . 0506	1 450 100 00		2005/2401		
C 2505	1-106-196-00	MYLAR	0.01MF	10%	100V	1 -2506	1-459-123-00	COTL, DUST	CORE (PAC)		
	1-108-620-91	MYLAR	0.0033MF	10%	100V	i	TRA	ANSISTOR			
C 2507		MY'_AR	0.01MF	10%	100V	1					
C 2508		ELECT	0.47MF	20%	50V	Q2501		TRANSISTOR			
	1-123-356-00	ELECT	10MF	20%	50V	Q2502		TRANSISTOR			
C 2510	1-123-356-00	ELECT	10MF	20%	50V	Q2503		TRANSISTOR			
		25252					8-729-178-54	TRANSISTOR			
	1-123-359-00	E'_ECT	47MF	20%	50V	Q2505	8-729-178-54	TRANSISTOR	2SC2785		
	1-123-359-00	ELECT	47MF	20%	50V						
	1-123-357-00	E'_ECT	22MF	20%	50V	Q2506		TRANSISTOR			
	1-123-361-00	ELECT	220MF	20%	50V		8-729-169-02	TRANSISTOR			
C 2515	1-123-333-00	E'_ECT	100MF	20%	25V		8-729-195-82	TRANSISTOR			
0.0516	1 100 000 00	E. E. E.	1.0045	00.4	F011		18-729-101-54			?-F	
	1-123-360-00	ELECT	100MF	20%	50V	02512	8-729-122-02	TRANSISTOR	25A122UA		
C 2517		FILM CEDAMIC	0.01MF	5%	100V	1 02515	0 720 117 54	TDANCICTOS	2011170		
0 2510		CERAMIC	47PF	10%	500V		8-729-117-54	TRANSISTOR			
C 2518	1-123-380-00	E'LECT MY'LAR	1MF	20%	50V	1 45210	8-729-178-54	TRANSISTOR	23(2/85		
C 2520	1 100 040 00	PITTAR	0.1MF	10%	50 v		RES	SISTOR			
	1-108-849-00						IN C.				
C 2520		ELECT	47MF	20%	25V						
C 2520 C 2521	1-123-332-00		47MF 0.082MF	20% 10%	25V 100V	 R2501	1-249-435-11	CARBON	33K	5% 1/6	W
C 2520 C 2521 C 2522	1-123-332-00 1-108-637-00	ELECT				 R2501 R2502		CARBON CARBON	33K 10K	5% 1/6 5% 1/6	
C 2520 C 2521 C 2522 C 2523	1-123-332-00 1-108-637-00 1-106-222-00	E'_ECT MY'_AR	0.082MF	10%	100V		1-249-429-11				W

T.C. Corp 10 North Main St Wharton NJ 07885 www.servicemanuals.net The components identified by shading and mark Aare critical for safety.

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Ref.No. Part No.	Description		Remark	[Ref.No. Part No.	Description		Remark
D2505 1 240 420 11	CADDON 1	LOV EN	1./61/	L POSCO 1 247 015 00	CARRON	FW 1/611	
R2505 1-249-420-11 R2506 1-249-429-11		l.8K 5% LOK 5%	1/6W 1/6W	R2566 1-247-815-00 R2567 1-249-421-11	CARBON 220 CARBON 2.2		
R2507 1-249-437-11		17K 5%	1/6W	1 243 421 11	CARBON 2.2	N 3/6 1/0W	
R 2508 1-249-437-11 R 2509 1-247-833-00	CARBON 4	17K 5% 1.2K 5%	1/6W 1/6W	VAR	IABLE RESISTOR		
R2309 1-247-833-00	CARDON	L. 2N J/6	1/ OW	RV 2501 1-228-727-00	RES, ADJ, CERAMIC	CARBON 47K	
R2510 1-247-873-00	CARBON 5	56K 5%	1/6W	RV2502 1-228-727-00	RES, ADJ, CERAMIC		
R2511 1-247-875-00		58K 5%	1/6W	RV2503 1-228-727-00	RES, ADJ, CERAMIC	CARBON 47K	
R2512 1-249-429-11	2011107 2011	10K 5%	1/6W	RV2504 1-228-724-00	RES, ADJ, CERAMIC		
R2513 1-249-417-11 R2514 1-246-449-75		1K 5% 100 5%	1/6W 1/4W	RV 2505 1-228-724-00	RES, ADJ, CERAMIC	CARBON TOK	
K2514/L 1 240 447 75	CARDON	100 3%	1/41	TRA	NSFORMER		
R2515 1-247-875-00	CARBON 6	68K 5%	1/6W	1 2			
R2516 1-249-425-11		4.7K 5%	1/6W	T2501 1-407-849-00	TRANSFORMER, D.F		
R2517 1-247-875-00		68K 5%	1/6W 1/6W	***********			*****
R2518 1-247-875-00 R2519 1-249-437-11		68K 5% 47K 5%	1/6W 1/6W			**********	
1-243-437-11	CANDON	T/10 3/6	1700	*A-1345-688-A	D BOARD, COMPLETE		
R2520 1-249-421-11	CARBON 2	2.2K 5%	1/6W	3-d 1 22	*******		
R2521 1-247-875-00		68K 5%	1/6W	0.40	ACITOD		
R2522 1-247-857-00 R2523 1-249-423-11		12K 5% 3.3K 5%	1/6W 1/6W	CAP	ACITOR		
R2524 1-247-849-00		5.6K 5%	1/6W	C501 1-123-380-00	ELECT 1MF	20%	50V
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				C502 1-108-622-91		47MF 10%	100V
R2525 1-247-849-00		5.6K 5%	1/6W	C503 1-108-622-91		47MF 10%	100V
R2526 1-249-423-11		3.3K 5%	1/6W	C504	ELECT 470M		16V
R2527 1-249-433-11 R2528 1-249-425-11		22K 5% 4.7K 5%	1/6W 1/6W	C505 1-123-379-00	E'_ECT 0.47	MF 20%	50V
R2529 1-249-433-11		22K 5%	1/6W	C506 1-123-318-00	E'_ECT 33MF	20%	16V
	0.11.00.1		-,	C507 1-123-379-00	ELECT 0.47		50V
R2530 1-249-423-11	E1.0000.000	3.3K 5%	1/6W	C508 1-136-173-00	FI_M 0.47		50V
R2531 1-249-401-11		47 5% 47 5%	1/6W F	C509 1-123-357-00	ELECT 22MF FI'M 0.04		50V 50V
R2532 1-249-401-11 R2533 A1-249-399-51		47 5% 33 5%	1/6W F	C512	FI'_M 0.04	7111 3 %	304
R2534 1-249-429-11		10K 5%	1/6W	C514 1-124-609-11	ELECT 470M	IF 10%	50V
	(30)			C515 1-124-625-11	ELECT 22MF		50V
R2540 1-249-434-11		27K 5%	1/6W	C516 1-123-336-00	E'_ECT 470N		25V
R2541 1-247-883-00 R2542 1-216-426-11	The second secon	150K 5% 82 5%	1/6W 1W F	C520	CERAMIC 220F		500V 50V
R2543 1-216-421-11		12 5%	1W F	C321 /15 1-123 304 31	ECECT 1000	2016	30 4 3 00 K II
R2544 A1-215-884-51		47 5%	2W F	C522 ▲ 1-123-875-91	ELECT 10MF	20%	50V
				C523 1-108-433-00	MY'_AR 0.1M		200V
R2545 1-249-421-11		2.2K 5%	1/6W	1 C524 1-108-428-00	MYLAR 0.03		200V 500V
R2546 1-247-706-11 R2547 1-249-435-11		330 5% 33K 5%	1/4W 1/6W	C525	CERAMIC 220F ELECT 3.3N		160V
R2548 1-247-875-00		68K 5%	1/6W		L_LC1 J. J.	200	_001
R2549 1-247-895-00		470K 5%	1/6W	C527 1-108-694-81		.5MF 10%	200V
V10001 2 00000000000			1.16.1	C528	CERAMIC 0.00		500V
R2550 1-249-429-11		10K 5%	1/6W	C531	ELECT 0.47		50V 50V
R2554 1-247-895-00 R2555 1-247-845-00		470K 5% 3.9K 5%	1/6W 1/6W	C535	ELECT 2.2N		50V 50V
R2556 1-249-425-11		4.7K 5%	1/6W	1970 19120-001-00	L_L01		30.
R2557 1-249-429-11		10K 5%	1/6W	C537 1-136-173-00	FI'_M 0.47		50V
				C538	ELECT 100M		25V
R2558 1-249-425-11		4.7K 5%	1/6W	1 C539 1-123-380-00	ELECT 1MF	20% 1F 20%	50V 25V
R 2559 1-249-433-11 R 2560 1-247-857-00		22K 5% 12K 5%	1/6W 1/6W	C540	E'_ECT 4.7N		25V
R2561 1-249-429-11		10K 5%	1/6W	1 2241 1-123-303-00			
R2562 1-247-704-11		220 5%	1/4W	C542 1-123-381-00	ELECT 2.2M		50V
				C543 1-123-330-00	ELECT 22MI		16V
R2563 1-249-425-11		4.7K 5%	1/6W	C544	E'_ECT 4.71 E'_ECT 22MI		50V 25V
R2564 1-249-437-11 R2565 1-249-441-11		47K 5% 100K 5%	1/6W 1/6W	1 C545 1-123-330-00 C546 1-123-381-00	ELECT 22MI		50V
MC303 1-249-441-11	AARDUN	1001 3/6	1/ 01	1 55-50 1-125-561-60	L_LUI	20.0	

The components identified by shading and mark Aare critical for safety.

Replace only with part number specified.



Ref.No. Part No.	Description			Remark	Ref.No.	, Part No.	Description			Remark
10.1101					1					
C547 1-123-333-00	ELECT	100MF	20%	25V		1-123-330-00	E'_ECT	22MF	20%	16V
C 548 1-123-321-00	ELECT	220MF	20%	16V		1-123-351-00	E'_ECT	0.47MF	20%	50V
C551 1-123-357-00	ELECT	22MF	20%	50V		1-123-351-00	E'_ECT	0.47MF	20%	50V
C552 1-123-356-00	E'_ECT	10MF	20%	50V		1-106-220-00	MYLAR	0.1MF 330PF	10%	100V 2KV
C 555 1-123-379-00	ELECT	0.47MF	20%	50V	[(1300/	1,1-102-113-31	CERAMIC	330PF	10%	ZNV
C556 1-136-173-00	FILM	0.47MF	5%	50V	C1567/	1-162-134-51	CERAMIC	470PF	10%	2KV
C557 1-123-608-00	ELECT	0.22MF	20%	50V		1-130-706-11	FILM	0.008MF	3%	1.6KV
C1501 1-108-634-81	MY'_AR	0.047MF	10%	100V		1-129-747-11	FILM	0.047MF	10%	400V
C1502 1-106-220-00	MY'_AR	0.1MF	10%	100V		1-129-751-00	FI'_M	0.1MF	20%	400V
C1503 1-106-200-00	MYLAR	0.015MF	10%	100V	C1571	1-102-030-00	CERAMIC	330PF	10%	500V
		20115	000	1.00	01570	1 100 201 00	F: FOT	220045	20%	1.04
C1504 1-123-330-00		22MF	20%	167		1-123-321-00	ELECT	220MF 47MF	20%	16V 25V
C1505 1-108-630-91	MYLAR	0.022MF 2.2MF	10%	100V 50V	C1576		E'LECT E'LECT	33MF	20%	16V
C1506 1-123-381-00 C1507 1-123-332-00	ELECT	47MF	20%	25V			MY'_AR	0.022MF	10%	100V
C1507 1-123-332-00 C1508 1-130-868-00	FILM	0.0056MF	5%	50V		1-106-220-00	MY'_AR	0.1MF	10%	100V
C1308 1-130-808-00	1.120	0.0030111	3 /6	301	1 013/3	1-100-220 00	111 = 711	0.4111	20%	2007
C1509 1-123-369-00	ELECT	4.7MF	20%	25V	C1585	1-123-357-00	ELECT	22MF	20%	50V
C1510 1-102-820-00	CERAMIC	330PF	5%	50V	C1586	1-108-621-91	MY'_AR	0.0039MF	10%	100V
C1511 1-123-321-00	ELECT	220MF	20%	16V		1-131-351-00	TANTA'_UM	4.7MF	10%	35V
C1512 1-123-379-00	ELECT	0.47MF	20%	50V	C1591		E'_ECT	10MF	20%	50V
C1513 1-108-634-81	MY'_AR	0.047MF	10%	1000	C1592	1-106-367-00	MYLAR	0.01MF	10%	200V
01520 1 102 125 00	CEDAMIC	0 0047ME	10%	50V		CON	INECTOR			
C1520 1-102-125-00 C1521 1-108-631-81	CERAMIC MYLAR	0.0047MF 0.027MF	10%	100V	1	001	INLCTOR			
C1522 1-123-333-00		100MF	20%	25V	D1	*1-508-766-00	4P P'_UG (M)			
C1523 1-102-978-00		220PF	5%	50V	D2	*1-566-054-11	PIN, CONNECT	TOR 2P		
C1524 1-108-704-61		0.1MF	10%	200V	1 D3	*1-566-054-11	PIN. CONNEC			
01021 1 100 101 01					D4	*1-508-765-00	3P P_UG (M)			
C1525 1-162-117-00	CERAMIC	100PF	10%	500V	D5	*1-506-348-XX	4P P'_UG			
C1526 1-102-157-00	CERAMIC	560 PF	10%	500V	1					
C1527 1-102-038-00	CERAMIC	0.001MF		500 V	D6	*1-508-767-00	5P PLUG			
C1528 1-108-698-61	MYLAR	0.033MF	10%	200V	D7	*1-566-056-11	PIN, CONNEC			
C1529 1-102-820-00	CERAMIC	330PF	5%	50V	D8	*1-508-765-00	3P PLUG (M)			
01530 1 133 361 00	EL ECT	220ME	20%	50V	D9 D10	*1-508-765-00 *1-508-768-00	3P PLUG (M) 6P PLUG			
C1530 1-123-361-00		220MF 560MF	20%	160V	1 010	^1-300-700-00	0P P_0G			
C1531 <u>A</u> 1-125-294-11 C1532 1-124-006-11		10MF	20%	25V	D11	*1-508-768-00	6P PLUG			
C1533 A, 1-162-115-51		330PF	10%	2KV	D12	*1-566-055-11	PIN. CONNEC	TOR 3P		
C1534A, 1-136-330-11		0.014MF	3%	1.6KV	D15	*1-566-058-11	PIN, CONNEC			
C1535 1-129-953-00	FILM	0.068MF	20%	1.5KV	1	DIO	DDE			
C1536 1-123-333-00		100MF	20%	16V			10155			
C1537 1-123-333-00		100MF	20%	16V	D501	8-719-815-55				
C1539A, 1-102-228-11		470PF	10%	500V	D502	8-719-920-02	DIODE ERB12	-02		
C1540 1-162-115-00	CERAMIC	330PF	10%	2KV	D503	8-719-300-76				
C1E41 1 100 630 01	MVI AD	0 022ME	10%	100V	D504 D506	8-719-300-76 8-719-920-02	DIODE RHIA DIODE ERB12	-02		
C1541 1-108-630-91 C1542 1-136-179-00		0.022MF 1.5MF	5%	200V	1 0300	0-/19-920-02	DIOUL ERBIZ	-02		
C1542 1-136-179-00 C1543 1-102-820-00		330PF	5%	50V	D508	8-719-110-34	DIODE RD13E	S-B		
C1544 1-136-328-11		1MF	5%	400V	D510	8-719-109-88				
C1549 1-102-129-00		0.01MF	10%	50V	D513	8-719-110-38				
5-2.5	_ 2000000	,			D515	8-719-000-12				
C1550 1-102-973-00	CERAMIC	100PF	5%	50V	D516	8-719-000-12	DIODE MC 931			
C1551 1-102-030-00		330PF	10%	500V	1					
C1552 1-106-196-00	MYLAR	0.01MF	10%	100V	D517	8-719-110-60				
C1553 1-123-379-00		0.47MF	20%	50V	D520	8-719-190-00				
C1554 1-106-196-00) MYLAR	0.01MF	10%	100V	D521	8-719-815-55				
01555 1 100 110 0	OF DALL'S	22005	104	F 011	D522	8-719-120-78	DIODE RD6.2			
C1555 1-102-110-00		220PF	10%	50V	D1502	8-719-815-55	DIODE 1S155	13		
C1556 1-123-333-00		100MF	20%	25V	D1503	8-719-110-38	DIODE RD15E	S_R		
C1557 1-108-622-91	MY'_AK	0.0047MF	10%	100V	1 01303	0-/19-110-38	מוטטב אמוסב	J-0		

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Ref.No. Part No.	Description	Remark	IRef.No.	Part No.	Description			Remark
01508 8-719-815-55 01509 8-719-920-02 01510 \(\A \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	DIODE 1S1555 DIODE ERB12-02 DIODE RH-1 DIODE RH1A DIODE RH1A		Q503 Q505 Q506 Q507 Q510	8-729-117-54 8-729-117-54 8-729-178-54 8-729-178-54 8-729-195-92	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SA1175 2SC2785 2SC2785		
D1513 8-719-901-19 D1515 A 8-719-938-40 D1516 8-719-903-09 D1517A A 8-719-906-15 D1517B 8 8-719-906-15	DIODE V11N DIODE S1B01-02TP1 DIODE V30N DIODE ERC26-15S DIODE ERC26-15S		Q512 <u>A</u> Q515	8-729-122-02 8-729-169-02 8-729-117-54 8-729-177-43 8-729-178-54	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SC2690A-Q 2SA1175 2SD774		
01518AA, 8-719-928-08 01518BA, 8-719-928-08 01525 8-719-815-55 01527 8-719-300-76 01528 8-719-926-16	DIODE ERD28-08S DIODE ERD28-08S DIODE 1S1555 DIODE RH1A DIODE ERC26-15SA		Q519 Q520 Q522 Q523 Q1501	8-729-178-54 8-729-178-54 8-729-117-54 8-729-117-54 8-729-117-54	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SC2785 2SA1175 2SA1175		
D1529 8-719-300-76 D1530 8-719-300-76 D1531 8-719-300-38 D1535 8-719-110-60 D1536 8-719-102-65	DIODE RH1A DIODE RH1A DIODE GU-3A DIODE RD24ES-B DIODE RD4.7E-N2		Q1504 Z	8-729-203-81 1 8-729-301-74 4-374-410-01 *4-374-413-01 8-729-177-43	SPACER, MICA RETAINER (A	2SD1497-04 A; Q1504), TR; Q150	04	the second se
D1537 8-719-102-74 D1538 8-719-815-55 D1540 8-719-102-71	DIODE RD6.2E-N2 DIODE 1S1555 DIODE RD5.6E-N2		Q1507	8-729-374-02 8-726-400-02 3-703-320-00 4-303-844-00 *4-309-762-00	TRANSISTOR : THYRISTOR SO BUSHING (A) SPACER, MICO RETAINER (MI	G-264A , TRANSISTO A (4) MD-17	; Q1507	Q1 50 <i>7</i>
IC501 \pm 8-759-178-12 IC503 8-759-178-12 IC504 8-759-700-08 IC1501 8-759-100-60 IC1502 8-759-700-08	IC UPC78L12 IC UPC78L12 IC NJM4558S IC UPC1377C IC NJM4558S		 Q1511	8-729-301-74 4-374-410-01 *4-374-413-01 8-729-374-02 8-729-117-54	TRANSISTOR SPACER, MICARETAINER (A TRANSISTOR TRANSISTOR	A; Q1508), TR; Q150 2SB740	08	
IC1503 8-759-700-08			Q1514	8-729-178-54 8-729-178-54 8-729-178-54	TRANSISTOR TRANSISTOR TRANSISTOR	2SC2785		
	COIL, DYNAMIC CONVERSION CHOKE COIL, SPOOK CHOKE 3.3UH CORE COIL COIL, CHOKE COIL, CHOKE COIL, CHOKE		Q1520	8-729-168-82 4-377-115-01 *4-381-170-01	TRANSISTOR : SPACER, MICA	2SC2688 A; Q1520		
1505 1-407-365-00 1506 1-459-104-00 1507 1-407-365-00 1508 1-421-390-11 1510 1-407-365-00	COIL, CHOKE COIL, DUST CORE COIL, CHOKE COIL, FERRITE (PMC) COIL, CHOKE		R501 R502 R503 R504 R505	1-247-895-00 1-249-429-11 1-249-425-11 1-249-429-11 1-249-421-11	CARBON CARBON CARBON	470K 5% 10K 5% 4.7K 5% 10K 5% 2.2K 5%	1/6W 1/6W 1/6W	
	COIL, CHOKE COIL, HORIZONTAL LINEARITY ON LAMP		R506 R507 R508 R509	1-249-435-11 1-247-845-00 1-247-726-11 1-247-853-00	CARBON CARBON CARBON CARBON	33K 5% 3.9K 5% 33K 5% 8.2K 5%	1/6W 1/4W	
	Decign from the main in		R510	1-247-859-00	CARBON	15K 59		
	LAMP, NEON NSISTOR TRANSISTOR 2SC2785		R511 R512 R513 R514	1-249-432-11 1-247-158-00 1-247-857-00 1-247-873-00	CARBON CARBON CARBON CARBON	18K 5% 13K 5% 12K 5% 56K 5%	1/4W 1/6W	
Q502 8-729-178-54	TRANSISTOR 2SC2785		R515	1-249-468-11	CARBON	82K 5%		

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Ref.No. Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R516 1-247-713-11 R517 1-249-420-11 R518 1-247-721-11 R519 1-247-715-11 R520 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	1K 1.8K 4.7K 1.5K 10K	5% 5% 5% 5%	1/4W 1/6W 1/4W 1/4W 1/6W		R583 R584 R585 R586 R587	1-249-429-11 1-247-873-00 1-249-435-11 1-247-720-11 1-247-845-00	CARBON CARBON CARBON CARBON CARBON	10K 56K 33K 3.9K 3.9K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/4W 1/6W	
R521 1-249-434-11 R522 1-247-873-00 R523 1-214-765-00 R525 1-216-353-00 R526 1-249-423-11	CARBON CARBON METAL METAL OXIDE CARBON	27K 56K 33K 2.2 3.3K	5% 5% 1% 5% 5%	1/6W 1/6W 1/4W 1W 1/6W	F	R588° R589 R590 R591 R593 A	1-249-441-11 1-249-421-11 1-247-815-00 1-247-815-00 1-206-753-61	CARBON CARBON CARBON CARBON METAL OXIDE	100K 2.2K 220 220 15K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W	F
R527 1-249-420-11 R528 1-247-708-11 R529 1-249-414-11 R530 1-247-817-00 R536 4.1-249-393-51	CARBON CARBON CARBON CARBON CARBON	1.8K 470 560 270	5% 5% 5% 5%	1/6W 1/4W 1/6W 1/6W	F	R594 R595 R596 R597 ♠	1-249-460-11 1-247-859-00 1-246-488-00 *1-214-749-00	CARBON CARBON CARBON META'_ META'_	15K 15K 4.3K	5% 5% 5%	1/4W 1/6W 1/4W 1/4W 1/4W	
R537 A. 1-249-399-51 R538 1-215-869-11 R539 1-216-350-11 R540 A. 1-249-405-51 R541 1-216-350-11	CARBON METAL OXIDE METAL OXIDE CARBON METAL OXIDE	33 1K 1.2 100	5% 5% 5% 5%	1/4W 1W 1W 1/4W	F F F	R599 R1501 R1502 R1503 R1504	1-214-741-00 1-247-819-00 1-249-422-11 1-247-700-11 1-249-435-11	ME TA'_ CARBON CARBON CARBON CARBON	3.3K 330 2.7K 100 33K	1% 5% 5% 5% 5%	1/4W 1/6W 1/6W 1/4W 1/6W	
R542 1-215-865-11 R543 A.1-249-382-51 R544 1-215-869-11 R546 1-247-715-11 R551 1-216-432-00	META'_ OX IDE CARBON META'_ OX IDE CARBON META'_ OX IDE	220 1.2 1K 1.5K 820	5% 5% 5% 5%	1W 1/4W 1W 1/4W	F F	R1505 R1506 R1507 R1508 R1509	1-249-441-11 1-247-894-00 1-249-433-11 1-249-429-11 1-249-405-11	CARBON CARBON CARBON CARBON CARBON	100K 430K 22K 10K 100	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W	
R552 1-247-720-11 R553 A.1-215-891-51 R554 1-247-721-11 R557 1-247-725-11 R558 1-247-723-11	CARBON CARBON	3.9K 680 4.7K 10K 6.8K	5% 5% 5% 5%	1/4W 2W 1/4W 1/4W 1/4W	F	R1511 R1512 R1513	1-249-433-11 1-247-881-00 1-249-440-11 1-249-423-11 1-247-868-00	CARBON CARBON CARBON CARBON CARBON	22K 120K 82K 3.3K 36K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W	
R560 1-247-713-11 R561 1-247-708-11 R562 1-247-704-11 R563 1-247-704-11 R564 1-247-725-11	CARBON CARBON CARBON CARBON CARBON	1K 470 220 220 10K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1516 R1518 R1519 R1520 R1521	1-247-857-00 1-249-429-11 1-249-469-11 1-249-435-11 1-247-701-11	CARBON CARBON CARBON CARBON CARBON	12K 10K 100K 33K 120	5% 5% 5% 5%	1/6W 1/6W 1/4W 1/6W 1/4W	
R565 1-249-429-11 R566 1-247-725-11 R567 1-249-429-11 R568 1-247-725-11 R569 1-249-469-11	CARBON	10K 10K 10K 10K 10K	5% 5% 5% 5%	1/6W 1/4W 1/6W 1/4W 1/4W		R1522 R1523 R1525 R1526 R1527	1-247-700-11 1-247-700-11 1-247-723-11 1-246-543-00 1-246-545-00	CARBON CARBON CARBON CARBON CARBON	100 100 6.8K 820K 1M	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R570 1-247-725-11 R571 1-249-417-11 R572 1-247-725-11 R573 1-249-465-11 R574 1-247-885-00	CARBON CARBON CARBON	10K 1K 10K 47K 180K	5% 5% 5% 5%	1/4W 1/6W 1/4W 1/4W 1/6W		R1532	1-215-918-00 1-247-700-11 1-247-713-11 1-215-920-51 1-247-721-11		1.5K 100 1K 3.3K 4.7K	5% 5% 5% 5%	3W 1/4W 1/4W 3W 1/4W	F F
R575 1-249-433-11 R576 1-249-441-11 R577 1-247-885-00 R578 1-249-441-11 R579 1-247-845-00	CARBON CARBON CARBON	22K 100K 180K 100K 3.9K	5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R1535 R1536 R1537	1-216-482-11 1-216-388-11 1-247-697-11 1-249-389-51 1-249-389-51	METAL OXIDE CARBON CARBON	1.8K 0.82 56 4.7 4.7		3W 3W 1/4W 1/4W	F F
R580 1-249-423-11 R581 1-247-723-11 R582 1-249-441-11	CARBON	3.3K 6.8K 100K		1/6W 1/4W 1/6W		R1540	1-216-434-51 1-215-915-51 1-216-479-51	METAL OX IDE	1.8K 470 560	5% 5% 5%	1W 3W 3W	F TORY

 The components identified by in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used. The components identified by shading and mark A are critical for safety. Replace only with part number specified.

D H4 H6 H5 UA

ef.No. Part No.	Description				Remark	Ref.No. Part No.	Description Remar
R1542 1-215-880-00 R1543 1-215-871-11 R1544 <u>1-216-448-51</u> R1545 1-247-693-11 R1546 <u>1-216-373-91</u>	METAL OXIDE CARBON	10 2.2K 39 27 2.2	5% 5% 5% 5%	1/4W	F F	RV505 1-228-728-00 RV506 1-228-728-00 RV507 1-228-725-00 RV508 1-228-724-00 RV1501 1-228-723-00	RES, ADJ, CERAMIC CARBON 100K RES, ADJ, CERAMIC CARBON 100K RES, ADJ, CERAMIC CARBON 22K RES, ADJ, CERAMIC CARBON 10K RES, ADJ, CERAMIC CARBON 4.7K
R1547 1-247-697-11 R1548 1-249-382-11 R1549 1-249-448-11 R1552 1-247-725-11 R1553 1-249-425-11	CARBON CARBON CARBON CARBON CARBON	56 1.2 1.2 10K 4.7K	5% 5% 5% 5%		F F	-11 (-1)	RES, ADJ, CERAMIC CARBON 1K RES, ADJ, CERAMIC CARBON 1K RES, ADJ, CERAMIC CARBON 47K RES, ADJ, CERAMIC CARBON 1K RK GAP
R1554 1-247-817-00 R1555 1-249-465-11 R1556 1-249-425-11 R1557 1-249-429-11 R1558 1-249-425-11	CARBON CARBON CARBON	270 47K 4.7K 10K 4.7K	5% 5% 5% 5% 5%	1/6W 1/4W 1/6W 1/6W		SG1501 1-519-063-XX	18,1 MIND RECEIPED IN
R1559 1-249-417-11 R1560 1-247-862-00 R1561 1-214-746-00 R1562 1-247-713-11 R1563 1-247-718-11	CARBON METAL CARBON	1K 20K 5.1K 1K 2.7K	5% 5% 1% 5% 5%	1/6W 1/6W 1/4W 1/4W 1/4W		T1502 1-437-089-00 T1503A.1-439-356-11 T1513A.1-421-388-11	
R1564 1-249-405-11 R1565 1-249-433-11 R1566 1-247-875-00 R1567 1-249-435-11 R1568 1-247-713-11	CARBON CARBON CARBON CARBON	100 22K 68K 33K 1K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/4W		*1-620-767-11 *1-566-063-11	H4 BOARD ******* PIN, CONNECTOR 11P
R1571 <u>A</u> 1-249-448-51 R1572 <u>A</u> 1-249-448-51 R1573 <u>A</u> 1-249-382-51 R1574 1-216-424-11 R1575 1-249-382-11	CARBON CARBON METAL OXIDE	1.2 1.2 1.2 39	5% 5% 5% 5% 5%	1/4W 1/4W 1W	F F	*1-620-768-11	**************************************
R1576 1-215-869-11 R1577 1-249-425-11 R1578 1-202-723-00 R1579 1-247-718-11 R1580 1-247-875-00	METAL OXIDE CARBON SO'LID CARBON	1K 4.7K 2.2M 2.7K 68K	5% 5%	1W 1/6W 1/2W 1/4W 1/6W	F	*1-566-056-11 *1-566-059-11 *1-566-060-11 *1-566-062-11	PIN, CONNECTOR 4P PIN, CONNECTOR 7P
R1581 1-249-441-11 R1582 1-249-429-11 R1583 1-247-851-00 R1584 1-249-421-11 R1585 1-247-713-11	CARBON CARBON CARBON	100K 10K 6.8K 2.2K 1K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/4W			H5 BOARD ******* PIN, CONNECTOR 2P PIN, CONNECTOR 4P
R1588 1-215-872-11 R1589 1-247-726-11 R1590 1-247-726-11 R1592 1-214-779-00 R1593 1-214-781-00	CARBON CARBON ME TA'_	3.3K 33K 33K 120K 150K		1W 1/4W 1/4W 1/4W 1/4W	F	S982 1-570-145-11	TCH SWITCH, SLIDE SWITCH, SLIDE
R1594 1-247-722-11 R1595 1-214-777-00 R1597 1-214-752-00 R1598 1-214-749-00	METAL METAL METAL	5.6K 100K 9.1K 6.8K	1% 1% 1%	-/		*A-1373-057-A	UA BOARD, COMP'_ETE
VA	RIABLE RESISTO	R					TERMINAL BOARD, INPUT/OUTPUT TERMINAL BOARD, INPUT/OUTPUT
RV501 1-228-717-00 RV503 1-228-727-00						1	

The components identified by shading and mark Aare critical for safety.

Replace only with part number specified.



D - f N -	Dank Na	Decemintion			Domank	IDof No	Dant No	Description				Domank
Ket.No.	Part No.	Description			Remark	IKET.NO.	Part No.	Description				Remark
02201		ACITOR	47ME	20%	169	D2312	8-719-110-03 8-719-110-03	DIODE RD7.5 DIODE RD7.5	ES-B2			
	1-123-821-00 1-123-617-00	ELECT ELECT	47MF 10MF	20% 20%	16V 16V	02313	8-719-100-68	DIODE RD13E	-BZ			
	1-123-617-00	ELECT	10MF	20%	16V		IC					
	1-123-821-00	ELECT	47MF	20%	16V	İ	10					
	1-123-617-00	ELECT	10MF	20%	16V	I IC2201	8-759-800-65	IC '_A7910				
				00-4	4.00		8-759-140-66	IC UPD4066B				
	1-123-617-00	ELECT	10MF	20%	16V		8-759-102-37	IC UPD4052B				
	1-123-821-00 1-123-617-00	ELECT	47MF 10MF	20% 20%	16V 16V		8-759-140-53 8-759-900-09	IC UPD4053B IC SN74LS09				
	1-123-821-00	ELECT	47MF	20%	16V	1 102301	0-739-900-09	10 311/4-309	IN.			
	1-101-004-00	CERAMIC	0.01MF		50V	IC2302	8-759-900-11	IC SN741511	N			
							8-759-900-09	IC SN74LS09	N			
	1-123-821-00	E'_ECT	47MF	20%	167		8-759-901-38	IC SN74'_S13				
	1-123-622-00	ELECT	22MF 47MF	20% 20%	16V 16V	I IC 2305	8-759-901-36	IC SN74'_S13	6N			
	1-123-821-00 1-101-004-00	E'LECT CERAMIC	0.01MF	20%	50V	1	TDA	NSISTOR				
	1-136-173-00	FILM	0.47MF	5%	50 v	i	110	113131011				
0	611		53.11			Q2201	8-729-117-54	TRANSISTOR	2SA1175			
C 2234	1-123-617-00	ELECT	10MF	20%	16V	Q2202	8-729-117-54	TRANSISTOR				
	1-123-617-00	ELECT	10MF	20%	16V	02203	8-729-117-54	TRANSISTOR				
	1-123-816-00 1-123-816-00	ELECT	10MF 10MF	20% 20%	50V 50V	Q2204 Q2205	8-729-178-54 8-729-178-54	TRANSISTOR TRANSISTOR				
C 2304	1-123-816-00	ELECT	10MF	20%	50V	1 42203	0-729-170-34	INANSISTOR	2362703			
02001	1 120 010 00	22201	20111	20,0		02206	8-729-117-54	TRANSISTOR	2SA1175			
C 2305	1-101-006-00	CERAMIC	0.047MF		50V	Q2207	8-729-178-54	TRANSISTOR	2SC2785			
	1-136-153-00	FILM	0.01MF	5%	50V	Q2208	8-729-178-54	TRANSISTOR				
C 2307	1-123-620-00	ELECT	10MF	20%	25V	Q2209	8-729-178-54	TRANSISTOR				
C 2308 C 2309	1-123-821-00 1-123-816-00	ELECT	47MF 10MF	20% 20%	16V 50V	Q2210	8-729-178-54	TRANSISTOR	2362785			
02303	1-123-010-00	L_LC1	1011	20%	301	Q2211	8-729-178-54	TRANSISTOR	2SC2785			
C2310	1-123-616-00	ELECT	4.7MF	20%	25V	02303	8-729-178-54	TRANSISTOR				
	1-101-006-00	CERAMIC	0.047MF		50V	Q2304	8-729-178-54	TRANSISTOR				
C2312	1-123-332-00	E'_ECT	47MF	20%	16V	Q2307	8-729-178-54	TRANSISTOR				
C 2313	1-123-821-00	ELECT	47MF 0.01MF	20%	16V 50V	Q2308	8-729-178-54	TRANSISTOR	25(2/85			
C 2314	1-101-004-00	CERAMIC	U.UIMF		301	02311	8-729-178-54	TRANSISTOR	2502785			
C 2315	1-102-820-00	CERAMIC	330 PF	5%	50V	02312	8-729-178-54	TRANSISTOR				
C2316	1-101-004-00	CERAMIC	0.01MF		50V ·	Q2313	8-729-178-54	TRANSISTOR				
	1-102-887-00	CERAMIC	47PF	5%	50V	Q2314	8-729-178-54	TRANSISTOR				
C2318	1-102-887-00	CERAMIC	47PF	5%	50V	Q2315	8-729-178-54	TRANSISTOR	2502/85			
C2319	1-102-887-00	CERAMIC	47PF	5%	50V	02316	8-729-900-36	TRANSISTOR	DTC124FS			
C2320	1-101-004-00	CERAMIC	0-01MF	50V		02317	8-729-900-36	TRANSISTOR				
C2321	1-101-004-00	CERAMIC	0-01MF	50V		Q2318	8-729-117-54	TRANSISTOR	2SA1175			
				0.0.4	1.511	Q2319	8-729-178-54	TRANSISTOR				
C 3464	1-123-617-00	E'_ECT	10MF	20%	16V 50V	Q2320	8-729-178-54	TRANSISTOR	2502785			
C 3465 C 3466	1-102-121-00 1-102-121-00	CERAMIC CERAMIC	0.0022MF 0.0022MF	10%	50V	02321	8-729-178-54	TRANSISTOR	2502785			
03400	1-102-121-00	CENAMIC	0.0022111	1076	301	02322	8-729-178-54	TRANSISTOR				
C 3467	1-124-444-00	ELECT	220MF	20%	101		8-729-900-36	TRANSISTOR				
	1-123-321-00		220MF	20%	16V		8-729-178-54					
	1-124-444-00		220MF	20%	10V	Q2330	8-729-900-36	TRANSISTOR	DTC124ES			
C 3470	1-123-321-00		220MF 220MF	20% 20%	16V 16V	1 02221	8-729-178-54	TRANSISTOR	2502785			
C 3471	1-123-321-00	ELECT	2201415	20%	104		8-729-178-54	TRANSISTOR				
C 3472	1-124-444-00	ELECT	220MF	20%	10V		0 123 210 01	1101010101	2004.00			
C3473	1-119-353-00	ELECT	220MF		100	1	RE	SISTOR				
	DI	ODE				R2201	1-249-429-11	CARBON	10K	5%	1/6W	
						R2202	1-249-429-11	CARBON	10K	5%	1/6W	
D2301	8-719-911-19						1-249-429-11		10K	5%	1/6W	
D2305 D2308	8-719-911-19 8-719-911-19					R2204	1-249-421-11		2.2K 75	5% 5%	1/6W 1/4W	
D2308	8-719-911-19					KZZUJ	1-24/-104-00	CARDUN	13	J/0	T/ MM	
	8-719-110-03											



D-f N-	David Na	D					10.6.4	2 7/1	7.160				
Ret.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R2206	1-247-713-11	CARBON	1K	5%	1/4W		R2307	1-249-417-11	CARBON	1K	5%	1/6W	
R 2207	1-247-903-00	CARBON	1M	5%	1/6W		R2308	1-247-903-00	CARBON	1 M	5%	1/6W	
R2208	1-247-713-11	CARBON	1K	5%	1/4W		R2314	1-249-417-11	CARBON	1K	5%	1/6W	
R2209 R2210	1-247-903-00 1-247-104-00	CARBON	1M	5%	1/6W		R2325	1-249-417-11	CARBON	1K	5%	1/6W	
RZZIU	1-24/-104-00	CARBON	75	5%	1/4W		R2327	1-249-417-11	CARBON	1K	5%	1/6W	
R2211	1-247-713-11	ÇARBON	1K	5%	1/4W		R2337	1-249-417-11	CARBON	1K	5%	1/611	
R2212	1-247-903-00	CARBON	1M	5%	1/6W		R2340	1-247-845-00	CARBON	3.9K	5%	1/6W 1/6W	
R2213	1-247-713-11	CARBON	1K	5%	1/4W		R2344	1-249-417-11	CARBON	1K	5%	1/6W	
R2214	1-247-903-00	CARBON	1M	5%	1/6W		R2345	1-247-725-11	CARBON	10K	5%	1/4W	
R2215	1-247-104-00	CARBON	75	5%	1/4W		R2346	1-249-429-11	CARBON	10K	5%	1/6W	
0.0016	1 047 710 11		4.0		4.00		10						
R2216	1-247-713-11	CARBON	1K	5%	1/4W		R2349	1-247-853-00	CARBON	8.2K	5%	1/6W	
R 2217 R 2218	1-247-903-00 1-249-440-11	CARBON	1M		1/6W		R2350	1-247-851-00	CARBON	6.8K	5%	1/6W	
R2219	1-249-434-11	CARBON CARBON	82K 27K	5% 5%	1/6W 1/6W			1-249-417-11	CARBON	1K	5%	1/6W	
	1-249-441-11	CARBON	100K	5%	1/6W		R2352	1-249-434-11 1-249-433-11	CARBON	27K	5%	1/6W	
NELEO	1-243-441-11	CARBON	TOOK	J /6	1/ OW		KZ333	1-249-433-11	CARBON	22K	5%	1/6W	
R2221	1-249-440-11	CARBON	82K	5%	1/6W		R2354	1-247-725-11	CARBON	10K	5%	1/4W	
R2222	1-249-434-11	CARBON	27K	5%	1/6W		R2355	1-249-419-11	CARBON	1.5K	5%	1/6W	
R2223	1-249-441-11	CARBON	100K	5%	1/6W		R2356	1-247-698-11	CARBON	68	5%	1/4W	
R2224	1-249-440-11	CARBON	82K	5%	1/6W		R2357	1-247-717-11	CARBON	2.2K	5%	1/4W	
R2225	1-249-434-11	CARBON	27K	5%	1/6W		R2358	1-247-878-00	CARBON	91K	5%	1/6W	
R2226	1-249-441-11	CARBON	100K	5%	1/6W		I R2359	1-249-434-11	CARBON	27K	5%	1/6W	
R2227	1-247-717-11	CARBON	2.2K	5%	1/4W		R2360	1-247-853-00	CARBON	8.2K	5%	1/6W	
R2228	1-247-895-00	CARBON	470K	5%	1/6W		R2361	1-249-421-11	CARBON	2.2K	5%	1/6W	
R2229	1-249-417-11	CARBON	1K	5%	1/6W		R2362	1-249-429-11	CARBON	10K	5%	1/6W	
R2230	1-249-441-11	CARBON	100K	5%	1/6W			1-249-405-11	CARBON	100	5%	1/6W	
0.0001	1 040 441 11	THE 2512	1000	36"11"	1.)								
R2231	1-249-441-11	CARBON	100K	5%	1/6W		R2364	1-249-421-11	CARBON	2.2K	5%	1/6W	
R 2232 R 2233	1-247-891-00	CARBON	330K	5%	1/6W		R2365	1-249-425-11	CARBON	4.7K	5%	1/6W	
R2234	1-247-891-00 1-247-897-00	CARBON CARBON	330K 560K	5% 5%	1/6W		R2366	1-249-425-11	CARBON	4.7K	5%	1/6W	
R2235	1-247-891-00	CARBON	330K	5%	1/6W 1/6W		R2367	1-247-815-00 1-249-425-11	CARBON CARBON	220 4.7K	5% 5%	1/6W 1/6W	
NEESS	1-247-031-00	CARDON	330K	3 /6	1/ OW		1 42300	1-249-425-11	CARDUN	4.71	3 %	1/ OW	
R 2236	1-247-891-00	CARBON	330K	5%	1/6W		R2369	1-249-433-11	CARBON	22K	5%	1/6W	
R2237	1-247-891-00	CARBON	330K	5%	1/6W		R2370	1-249-437-11	CARBON	47K	5%	1/6W	
R2238	1-247-891-00	CARBON	330K	5%	1/6W		R2371	1-249-429-11	CARBON	10K	5%	1/6W	
R 22 39	1-249-440-11	CARBON	82K	5%	1/6W		R2372	1-249-422-11	CARBON	2.7K	5%	1/6W	
R2240	1-249-429-11	CARBON	10K	5%	1/6W		R2373	1-247-853-00	CARBON	8.2K	5%	1/6W	
R2241	1-249-429-11	CARBON	10K	5%	1/6W		R2374	1-249-423-11	CARBON	3.3K	5%	1/6W	
R2246	1-249-417-11	CARBON	1K	5%	1/6W		R2375	1-249-421-11	CARBON	2.2K	5%	1/6W	
R2247	1-247-819-00	CARBON	330	5%	1/6W		R2376	1-249-425-11	CARBON	4.7K	5%	1/6W	
R2248	1-247-845-00	CARBON	3.9K	5%	1/6W		R2377	1-249-425-11	CARBON	4.7K	5%	1/6W	
R2249	1-249-417-11	CARBON	1K	5%	1/6W		R2378	1-249-425-11	CARBON	4.7K	5%	1/6W	
0.0050	1 240 422 11	CARRON	10	F.0'	1.000		1 00077	1 047 700 11		1.00	F-11		
R2250 R2251	1-249-432-11 1-247-845-00	CARBON	18K	5%	1/6W		R2379	1-247-700-11	CARBON	100	5%	1/4W	
		CARBON	3.9K	5%	1/6W			1-249-425-11	CARBON	4.7K	5%	1/6W	
R2252	1-249-429-11 1-249-423-11	CARBON CARBON	10K 3.3K	5% 5%	1/6W		R2381	1-249-425-11	CARBON	4.7K	5%	1/6W	
	1-249-417-11		1K	5%	1/6W 1/6W			1-249-421-11		2.2K		1/6W	
WEE, O	7-2-3-411-11	OAILUUN	IK	J 76	1/ OW		1 1/2303	1-243-421-11	CARDON	2.2K	J /6	1/6W	
R2271	1-249-417-11	CARBON	1K	5%	1/6W		R2384	1-249-421-11	CARBON	2.2K	5%	1/6W	
	1-249-417-11	CARBON	1K	5%	1/6W			1-249-421-11	CARBON	2.2K	5%	1/6W	
	1-249-435-11	CARBON	33K	5%	1/6W			1-249-417-11	CARBON	1K	5%	1/6W	
	1-249-435-11	CARBON	33K	5%	1/6W			1-249-417-11	CARBON	1K	5%	1/6W	
R22/5	1-249-420-11	CARBON	1.8K	5%	1/6W		R2388	1-249-429-11	CARBON	10K	5%	1/6W	
R2302	1-247-704-11	CARBON	220	5%	1/4W		R2389	1-249-417-11	CARBON	1K	5%	1/6W	
	1-247-704-11	CARBON	220	5%	1/4W			1-247-717-11	CARBON	2.2K		1/4W	
	1-247-704-11	CARBON	220	5%	1/4W			1-247-717-11	CARBON	2.2K		1/4W	
		TOTAL STREET		111				151.55					



Ref.No	. Part No.	Description			Remark	Ref.No.	Part No.	Description	n			Remark
	SWI	TCH				D3421	8-719-911-19 8-719-911-19	DIODE 1SS1 DIODE 1SS1				3011
\$ 2001	1-570-145-11	SWITCH, SLIC)F				8-719-112-64					
	1-570-145-11	SWITCH, SLIC				D3424	8-719-110-36					
	1-570-145-11	SWITCH, SLIC				D3425	8-719-911-19	DIODE RD13				
	CON	INECTOR				D3426	8-719-109-93	DIODE RD6.	2ES-B2			
110.1	+1 500 050 11	DIN CONNECT				D3428	8-719-911-19	DIODE 1SS1	19			
UA1 UA2	*1-566-058-11 *1-566-058-11	PIN, CONNECT				D3433						
UA3	*1-566-056-11	PIN, CONNECT				D3434		DIODE RD10				
UA4	*1-564-441-11	PLUG, CONNEC		5P		1 03433	8-719-110-15	DIODE RD10	F2-R			
UA5	*1-508-767-00	5P PLUG	7.01. (2.01117)	01		D3438	8-719-110-17	DIODE RD10	ES-B2			
110.6	+1 504 441 11	DI IIO CONNEC	TOD (O FIME)	F.D.		1						
UA6 UA8	*1-564-441-11 *1-566-054-11	PLUG, CONNEC				1	IC					
	*1-566-055-11	PIN, CONNECT				IC 3407	8-752-030-31	IC CXA1024	2			
	*****			*****	*****	i	COI		9			
						i	001	-				
	*A-1373-058-A	UB BOARD, CC				1 13401	1-408-424-00	MICRO INDU	CTOR 180U	Н		
	CAP	AC I TOR				i	TRA	NSISTOR				
	0711	7102.010				03429	8-729-900-36	TRANSISTOR	DTC124FS			
C3414	1-123-608-00	ELECT	0.22MF	20%	50V	03431	8-729-178-54	TRANSISTOR				
	1-123-608-00	ELECT	0.22MF	20%	50V	Q3432	8-729-178-54	TRANSISTOR				
	1-123-608-00	ELECT	0.22MF	20%	50V	Q3433A	8-729-101-37	TRANSISTOR	2SC27857	P-F		
	1-123-608-00	ELECT	0.22MF	20%	50V	Q3440	8-729-178-54	TRANSISTOR	2SC2785			
C 3418	1-123-608-00	ELECT	0.22MF	20%	50V	1 02450	0 700 170 54	T	0000705			
C 3/110	1-123-608-00	ELECT	0.22MF	20%	50V	03450		TRANSISTOR				
	1-101-004-00	CERAMIC	0.01MF	20%	50V	Q3431	8-729-117-54	TRANSISTOR	23A11/5			
C 3421		ELECT	10MF	20%	16V		RES	ISTOR				
C3422	1-123-617-00	ELECT	10MF	20%	16V	İ						
C 3423	1-101-004-00	CERAMIC	0.01MF		50V			CARBON	2.2K	5%	1/4W	
	1 100 000 00					R 3352	1-249-429-11	CARBON	10K	5%	1/6W	
C 3424		MYLAR	0.0047MF	10%	50 V	R3353	1-249-429-11	CARBON	10K	5%	1/6W	
C 3425		MY'_AR	0.01MF	10%	50V		1-249-405-11	CARBON	100	5%	1/6W	
C 3426	1-108-845-00 1-108-833-00	MY'_AR	0.047MF	10%	50V	R3355	1-249-405-11	CARBON	100	5%	1/6W	
	1-108-837-00	MYLAR MYLAR	0.0047MF 0.01MF	10% 10%	50V 50V	I R3356	1-249-405-11	CADDON	100	E ø/	1/61/	
03460	1-100-037-00	CLEAN	0.011	10%	30 V		1-247-815-00	CARBON CARBON	100 220	5% 5%	1/6W 1/6W	
C3429	1-108-845-00	MYLAR	0.047MF	10%	50V	R3358	1-249-429-11	CARBON	10K	5%	1/6W	
C 3430		MYLAR	0.0047MF	10%	50V	R3359	1-249-429-11	CARBON	10K	5%	1/6W	
	1-108-845-00	MY'_AR	0.047MF	10%	50V	R3360	1-249-462-11	CARBON	22K	5%	1/4W	
	1-108-837-00	MY'_AR	0.01MF	10%	50V	1		071110011	661	370	1/ 111	
C 3434	1-101-004-00	CERAMIC	0.01MF		50V	R3361	1-247-725-11	CARBON	10K	5%	1/4W	
						R3363	1-247-704-11	CARBON	220	5%	1/4W	
	1-123-821-00	ELECT	47MF	20%	16V		1-247-704-11	CARBON	220	5%	1/4W	
	1-123-620-00	ELECT	10MF	20%	25V		1-247-704-11	CARBON	220	5%	1/4W	
	1-101-004-00		0.01MF	004	50V	R3366	1-247-713-11	CARBON	1K	5%	1/4W	
	1-124-445-00		100MF	20%	160	1 02267	1 247 712 11	CADDON	114	E #/	1.44.	
C 3439	1-108-618-91	MITCAK	0.0022MF	10%	100V			CARBON	1K	5%	1/4W	
C 3442	1-124-445-00	ELECT	100MF	20%	16V		1-247-713-11	CARBON	1K	5%	1/4W	
	1-123-617-00	E'_ECT	100MF	20%	16V	R3369	1-215-424-00 1-247-823-00	ME TAL CARBON	1.3K 470	1%	1/6W	
	1-124-445-00	ELECT	100MF	20%	16V	R3371	1-247-823-00	CARBON	470	5% 5%	1/6W	
	1-123-820-00		33MF	20%	16V	1 133/1	1-14/-023-00	CARDON	4/0	36	1/6W	
_ ,				_ 5/0		R3372	1-247-717-11	CARBON	2.2K	5%	1/4W	
	DIC	DE				R3373	1-249-421-11	CARBON	2.2K	5%	1/6W	
	-					R3374	1-247-903-00	CARBON	1M	5%	1/6W	
D3420	8-719-911-19	DIODE 1SS119	9			R 3375	1-249-421-11	CARBON	2.2K	5%	1/6W	

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Ref.No	. Part No.	Description				Remark	Ref.No.	Part No.	Description	n			Remark
R3376		CARBON 2.2		%	1/6W		C991	1-123-617-00	ELECT	10MF		20%	16V
R3377		CARBON 2.2		%	1/6W			0.1.0	NDE.				
R 3378		CARBON 10K		5%	1/6W 1/6W		1	DIC	JUE				
R3379 R3380		CARBON 470 CARBON 39K		0 % 5 %	1/6W		D971	8-719-109-85	DIODE RD5.	1FS_R2			
K 3300	1-247-009-00	CARDON		10	1/ UW		D981	8-719-911-19	DIODE 1SS1				
R3381	1-249-417-11	CARBON 1K		5%	1/6W		1 D982	8-719-109-97	DIODE RD6.				
R3382		CARBON 27K		5%	1/6W		1 0302	0 /13 103 3/	DIODE NOO!	020 02			
R3383		CARBON 1K		5%	1/6W		i i	IC					
R3384		CARBON 10K		5%	1/6W		1						
R3385	1-249-417-11	CARBON 1K		5%	1/6W			8-759-933-23	IC BA236				
		200000000000000000000000000000000000000					IC990A	8-759-171-05	IC UPC 7805	Н			
R3386		CARBON 100		5%	1/6W			0.03					
R3387		CARBON 100		5%	1/6W		1	<u>C01</u>	11_				
R3388		CARBON 100		5%	1/6W		1 2990	1-408-424-00	MICDO INDII	CTOD 1901	u		
R3456		CARBON 22k CARBON 56k		5% 5%	1/6W 1/6W		1 2990	1-408-424-00	MICKU INDU	CIUR 1000	п		
R 3460	1-24/-0/3-00	CARBON 56k	,	3 %	1/ OW		1	TRA	ANSISTOR				
R3461	1-247-851-00	CARBON 6.8		5%	1/6W								
R3470	1-246-529-00	CARBON 220		5%	1/4W		Q971	8-729-178-54	TRANSISTOR				
R3492		CARBON 10k		5%	1/6W		Q981	8-729-178-54	TRANSISTOR				
R 3493		CARBON 10k		5%	1/6W		Q982	8-729-178-54	TRANSISTOR				
R 3497	1-247-873-00	CARBON 56k	(5%	1/6W		Q990	8-729-178-54	TRANSISTOR	2502785			
R3498	1-247-887-00	CARBON 220	OK !	5%	1/6W			RES	SISTOR				
R3499	1-249-441-11	CARBON 100	OK !	5%	1/6W		301	A					
							R977	1-249-433-11	CARBON	22K	5%	1/6W	
	VAF	RIABLE RESISTOR					R978	1-249-433-11	CARBON	22K	5%	1/6W	
2000							R979	1-249-429-11	CARBON	10K	5%	1/6W	
	1 1-228-993-00	RES, ADJ, CARBON		4.7			R980	1-247-813-00	CARBON	180 100	5% 5%	1/6W	
R V 3 30	2 1-228-993-00	RES, ADJ, CARBON		4.7	K		R981	1-249-405-11	CARBON	100	3 %	1/6W	
	COM	NECTOR					R982	1-249-432-11	CARBON	18K	5%	1/6W	
		301					R983	1-247-851-00	CARBON	6.8K	5%	1/6W	
UB1	*1-566-058-11	PIN, CONNECTOR 61	р				R984	1-249-417-11	CARBON	1K	5%	1/6W	
UB2	*1-566-058-11	PIN, CONNECTOR 61	Р				R985	1-247-833-00	CARBON	1.2K	5%	1/6W	
UB3	*1-566-054-11	PIN, CONNECTOR 21					R986	1-249-420-11	CARBON	1.8K	5%	1/6W	
UB4	*1-566-061-11	PIN, CONNECTOR 91					0007 4	1 0/0 207 [1	CARRON	00	C 07	1 // 13	F FASO
UB6	*1-566-054-11	PIN, CONNECTOR 21	P					1-249-397-51	CARBON	22 1K	5% 5%	1/4W 1/6W	E. San San San San San San San San San San
IID7	+1 EGG OFO 11	DIN CONNECTOR 7	D				R991 R992	1-249-417-11 1-249-434-11	CARBON	27K	5%	1/6W	
UB7 UB8	*1-566-059-11 *1-566-057-11	PIN, CONNECTOR 71 PIN, CONNECTOR 51					1 R993	1-249-435-11	CARBON	33K	5%	1/6W	
UB9	*1-566-055-11	PIN, CONNECTOR 3					R994	1-247-873-00		56K	5%	1/6W	
UB10	*1-566-056-11	PIN, CONNECTOR 4					1,334		071112011	301	370	13-111	
0010	_ 555 555-11	, 00	a i				R995	1-249-437-11	CARBON	47K	5%	1/6W	
****	*****	******	***	****	*****	*****		1-247-795-00	CARBON	33	5%	1/6W	
							R997	1-249-421-11	CARBON	2.2K	5%	1/6W	
	*A-1375-064-A	H3 BOARD, COMPLE					R998	1-249-429-11	CARBON	10K	5%	1/6W	
		********	**				1 00	VAI	RIABLE RESIS	TOP			
	*1-566-054-11	PIN, CONNECTOR 2	D				100	VAI	VIVO-F VESTS	TOR			
		PIN, CONNECTOR 2					RV 972	1-228-725-00	RES. AD.1	CERAMIC (CARBO	N 22K	
	*1-566-057-11	PIN, CONNECTOR 5	P				I RV 973	1-237-348-11	RES. VAR.	CARBON 5	(
	1 000-007 -11	TIN, CONNECTOR S					RV 974	1-237-349-11	RES, VAR,	CARBON 10	OK		
	CAI	PACITOR											
C071	1-108-830-00	MYLAR 0.0			10%	50 v			ITCH				
C971	1-108-835-91				10%	50V		1-570-758-11	SWITCH, RO	TARY			
C973	1-108-837-00				10%	50V		1-570-758-11					
C974	1-123-617-00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			20%	16V	1	_ 0,0,00 11					
C 981	1-108-487-00		22MF		5%	50V	İ						
						1.64	1						
C 990	1-123-617-00	ELECT 10M	1		20%	16V	.1.						

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	. Part No.	Description			Remark	I Ker and	. Part No.	Description	1			Remar
	*A-1380-189-A	K BOARD, COM					īC					
						IC 201		IC TA7630P				
	CAP	ACITOR					A 8-759-111-88 A 8-759-111-88	IC UPC1188				
201	1-124-655-11	ELECT	0.47MF	20%	50V	1						
202	1-124-655-11	ELECT	0.47MF	20%	50V	Į.	CON	NECTOR				
203	1-124-035-00	ELECT	47MF	20%	16V	1 1/1	+1 500 050 11	D.T. 0.0111151				
204 205	1-124-035-00 1-108-850-11	E'_ECT MY'_AR	47MF 0.12MF	20% 10%	16V 50V	K1 K2	*1-566-058-11	PIN, CONNEC	TOR 6P			
203	1-100-030-11	PIT LAK	0.12111	10%	301	K3	*1-508-767-00 *1-566-056-11	5P PLUG PIN, CONNEC	TOP AD			
206	1-102-125-00	CERAMIC	0.0047MF	10%	50V	K4	*1-566-054-11	PIN. CONNEC	TOR 2P			
207	1-102-125-00	CERAMIC	0.0047MF	10%	50V	K5	*1-508-765-00	3P PLUG (M				
208	1-108-850-11	MY'_AR	0.12MF	10%	50V	1						
209	1-124-038-00	ELECT	1MF	20%	50V	ļ	COI	<u>L</u>				
210	1-124-045-91	ELECT	4.7MF	20%	50V	1 . 001	1 400 404 00		1.00			
211	1 124 045 01	ELECT	4 7MF	20%	FOU	L201	1-408-424-00	MICRO INDU	CTOR 180U	Н		
211 212	1-124-045-91 1-124-045-91	ELECT ELECT	4.7MF 4.7MF	20% 20%	50V 50V		TDA	DOTSISM				
213	1-124-041-91	ELECT	220MF	20%	16V	H	IKA	NSISTOR				
218	1-123-985-81	E'_ECT	1000MF	20%	167	0201	8-729-178-54	TRANSISTOR	2SC2785			
219	1-123-973-00	ELECT	100MF	20%	167	Q204	8-729-178-54	TRANSISTOR				
						0205	8-729-178-54	TRANSISTOR				
220	1-124-042-91	ELECT	0.47MF	20%	50V	Q206	8-729-117-54	TRANSISTOR	2SA1175			
221	1-124-042-91	ELECT	0.47MF	20%	50V	Q209	8-729-117-54	TRANSISTOR	2SA1175			
222	1-162-283-31	CERAMIC	120PF	10%	50V							
223	1-162-283-31	CERAMIC	120PF	10%	50V	Q211	8-729-177-43	TRANSISTOR	2SD774			
224	1-124-034-91	ELECT	33MF	20%	16V		DEC	ICTOR				
225 /	1-124-474-91	ELECT	47MF	20%	160	1	KES	ISTOR				
227	1-108-849-00	MYLAR	0.1MF	10%	50V	R201	1-249-441-11	CARBON	100K	5%	1/6W	
228	1-124-042-91	ELECT	0.47MF	20%	50V	R202	1-249-441-11	CARBON	100K	5%	1/6W	
229	1-124-042-91	ELECT	0.47MF	20%	50V	R203	1-249-419-11	CARBON	1.5K	5%	1/6W	
230	1-162-283-31	CERAMIC	120PF	10%	50V	R204	1-249-429-11	CARBON	10K	5%	1/6W	
221	1 160 000 01	CEDANIC	10005	1.0%	FOW	R 205	1-249-429-11	CARBON	10K	5%	1/6W	
231	1-162-283-31 1-124-034-91	CERAMIC	120PF 33MF	10%	50V	1 0206	1 240 420 11	CADDON	1.04	F~	1/64	
233	1-123-332-00	ELECT ELECT	47MF	20% 20%	16V 16V	R206	1-249-429-11 1-249-419-11	CARBON CARBON	10K 1.5K	5% 5%	1/6W	
235	1-108-849-00	MY' AR	0.1MF	10%	50V	R208	1-249-419-11	CARBON	1.5K	5%	1/6W 1/6W	
236	1-124-471-00	ELECT	1000MF	20%	6.3V	R211	1-249-415-11	CARBON	680	5%	1/6W	
	1 11 1/1 00		1000111	20%	0.51		1-249-403-51	CARBON	68	5%	1/4W	F
237	1-102-074-00	CERAMIC	0.001MF	10%	50V						o 64 137 -	/ · · · · · · · · · · · · · · · · · · ·
238	1-102-074-00	CERAMIC	0.001MF	10%	50V	R222	1-249-429-11	CARBON	10K	5%	1/6W	
239	1-101-006-00	CERAMIC	0.047MF		50V	R223	1-249-433-11	CARBON	10K	5%	1/6W	
240	1-101-006-00	CERAMIC	0.047MF		50V	R224	1-249-437-11	CARBON	47K	5%	1/6W	
241	1-101-006-00	CERAMIC	0.047MF		50V	R225	1-247-815-00	CARBON	220	5%	1/6W	
242	1-125-296-00	EL ECT/ BLOCK)	4700MF		254	R227	1-247-857-00	CARBON	12K	5%	1/6W	
243	1-125-296-00	ELECT(BLOCK) ELECT(BLOCK)			35V 35V	R228	1 240 200 11	CARRON	E 6	E o/	1/611	
246	1-123-256-00	ELECT BLOCK	10MF	20%	16V	R229	1-249-390-11 1-247-857-00	CARBON CARBON	5.6 12K	5% 5%	1/6W 1/6W	
247	1-102-125-00	CERAMIC	0.0047MF	10%	50V	R230	1-249-433-11		10K	5%	1/6W	
248	1-102-125-00		0.0047MF	10%	50V	R231	1-247-873-00		56K	5%	1/6W	
				7 /4		R232	1-247-815-00		220	5%	1/6W	
251	1-123-356-00		10MF	20%	16V	1						
252	1-123-356-00	ELECT	10MF	20%	50V	R234	1-247-857-00	CARBON	12K	5%	1/6W	
	5.0	D.F.					₾. 1-249-390-51		5.6	5%	1/4W	F
	DIO	IDE				R236	1-249-429-11	CARBON	10K	5%	1/6W	
201	A 0 710 111 00	DIODE DOC OF	c mino			R237	1-249-429-11	CARBON	10K	5%	1/6W	
201 /	8-719-111-99 8-719-911-19	DIODE RD6.2E				R238	1-249-423-11	CARBON	3.3K	5%	1/6W	
203	8-719-911-19	DIODE RD13ES				I R239	1-249-437-11	CARBON	47K	5%	1/6W	
	A.8-719-112-90	DIODE RD13ES	-T1B2			R240	1-247-857-00	CARBON	12K	5%	1/6W	
	100 112 10	LAUDE IN ISES	~ 100			R241	1-249-441-11		100K		1/6W	

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PVM-2530 RM-739



Ref.No	. Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
R 24 2 R 24 3 R 24 4 R 24 5 R 24 6	1-249-429-11 1-249-425-11 1-249-417-11 1-249-417-11 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	10K 4.7K 1K 1K 1K	5% 1/6W 5% 1/6W 5% 1/6W 5% 1/6W 5% 1/6W		R907 R908 R909 R910 R911	1-247-700-11 1-247-700-11 1-247-700-11 1-247-700-11 1-247-700-11	CARBON CARBON CARBON CARBON CARBON	100 100 100	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W	
R 25 2 R 25 7	1-249-419-11 1-249-423-11	CARBON CARBON	1.5K 3.3K			R912 R913 R914	1-247-700-11 1-247-700-11 1-247-700-11	CARBON CARBON CARBON	100	5% 1/4W 5% 1/4W 5% 1/4W	
*****	*****	******	****	*******	******		1-247-700-11 1-247-700-11 1-247-700-11	CARBON CARBON	100	5% 1/4W 5% 1/4W	
	*9-990-890-01	H2 BOARD (KE)	BOAR	O UNIT A)		 R917	1-247-700-11		100	5% 1/4W	
	DIO	DDE				R918 R919 R920	1-247-700-11 1-247-700-11 1-247-700-11	CARBON CARBON CARBON	100 100 100	5% 1/4W 5% 1/4W 5% 1/4W	
D901 D902	8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119				R921	1-247-700-11	CARBON	100	5% 1/4W	
D903 D904	8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119				R922 R923	1-247-700-11 1-247-700-11	CARBON CARBON	100 100	5% 1/4W 5% 1/4W	
D905	8-719-911-19	DIODE 1SS119					SWI	ТСН			
D906 D907	8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119				 S901	1-553-766-00	MT SWITCH (KE	Y ROARD	SWITCH)	
D908	8-719-911-19	DIODE 1SS119				S902	1-553-766-00	MT SWITCH (KE	Y BOARD	SWITCH)	
D909 D910	9-990-893-01 9-990-893-01	LED TL Y263P				S903 S904	1-553-766-00 1-553-766-00	MT SWITCH (KE			
0910	9-990-093-01	LED 1-1203P				\$905	1-553-766-00	MT SWITCH (KE			
D911 D912	9-990-893-01 9-990-893-01	LED TLY263P				\$906	1-553-766-00	MT SWITCH (KE	V ROAPD	CWITCH)	
D912	9-990-893-01	LED T'_ Y263P				5907	1-553-766-00	MT SWITCH (KE			
D914	9-990-893-01	LED TLY263P				\$908	1-553-766-00	MT SWITCH (KE			
D915	9-990-893-01	LED TLY263P				S909 S910	1-553-766-00 1-553-766-00	MT SWITCH (KE			
D916	9-990-893-01	'_ED T'_Y263P				5011	1 552 766 00				
D917 D918	9-990-893-01 9-990-893-01	LED TLY263P				S911 S912	1-553-766-00 1-553-766-00	MT SWITCH (KE			
D919	9-990-893-01	LED TLY263P				5913	1-553-766-00	MT SWITCH (KE			
D920	9-990-893-01	LED TLY263P				S914 S915	1-553-766-00	MT SWITCH (KE			
D921	9-990-893-01	'_ED T'_ Y263P				3313	1-333-700-00	PI SWITCH (KE	DOANE	SWITCH)	
D922	9-990-893-01	LED T'_Y263P				*****	******	******	*****	*******	******
D923	9-990-893-01	LED TL Y263P				VO.5	÷0 000 007 01	H1 BOARD (KEY	POADD	IIMIT D)	
D924 D925	9-990-893-01 9-990-893-01	LED TLY263P				WHO HAVE	~9-990-097-01	******	DOARD	ONT (D)	
						l line	DYC				
D926	9-990-893-01	LED TLY263P					DIC	DUE			
D927 D928	9-990-893-01 9-990-893-01	LED TLY263P				D935	8-719-911-19	DIODE 1SS119			
D929	9-990-893-01	LED TLY263P				D936	8-719-911-19	DIODE 1SS119			
D930	9-990-893-01					D937	8-719-911-19	DIODE 1SS119			
D931	9-990-893-01	LED TLY263P				D938 D939		DIODE 1SS119 DIODE 1SS119			
	RES	SISTOR				D940	8-719-911-19	DIODE 1SS119			
	MAN	313. N		Register Like		D941	8-719-911-19	DIODE 1SS119			
R901	1-247-700-11	CARBON	100	5% 1/4W		D944	9-990-901-01	LED TLS263P			
R 90 2 R 90 3	1-247-700-11 1-247-700-11		100 100	5% 1/4W 5% 1/4W		D946	9-990-901-01 9-990-893-01				
R903	1-247-700-11	CARBON CARBON	100	5% 1/4W		0340	J-JJ0-03J-01				
R905	1-247-700-11		100	5% 1/4W		D949	9-990-893-01				
		15 H				D950	9-990-893-01				
R906	1-247-700-11	CARBON	100	5% 1/4W		D951	9-990-893-01	LED TLY263P			

H1 N

Ref.No.	Part No.	Description	Remark Re
D952 D953 D954 D955 D956	9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01	LED TLY263P LED TLY263P LED TLY263P LED TLY263P LED TLY263P	
D957 D958 D959 D960 D961	9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01	LED TLY263P LED TLY263P LED TLY263P LED TLY263P LED TLY263P	
	RES	ISTOR	
R935 R937 R938 R939 R940	1-247-703-11 1-247-133-00 1-247-700-11 1-247-700-11 1-247-700-11	CARBON 180 5% 1/4W CARBON 1,2K 5% 1/4W CARBON 100 5% 1/4W CARBON 100 5% 1/4W CARBON 100 5% 1/4W	 **:
R941 R942 R943 R944 R945	1-247-700-11 1-247-700-11 1-247-700-11 1-247-700-11 1-247-700-11	CARBON 100 5% 1/4W CARBON 100 5% 1/4W CARBON 100 5% 1/4W CARBON 100 5% 1/4W CARBON 100 5% 1/4W	
R946 R947 R948 R949 R950	1-247-700-11 1-247-700-11 1-247-700-11 1-247-700-11 1-247-700-11	CARBON 100 5% 1/4W CARBON 100 5% 1/4W CARBON 100 5% 1/4W CARBON 100 5% 1/4W CARBON 100 5% 1/4W	
R951	1-247-700-11	CARBON 100 5% 1/4W	į.
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\$935 \$936 \$937 \$938 \$939	1-553-766-00 1-553-766-00 1-553-766-00 1-553-766-00 1-553-766-00	MT SWITCH (KEY BOARD SWITCH) MT SWITCH (KEY BOARD SWITCH) MT SWITCH (KEY BOARD SWITCH) MT SWITCH (KEY BOARD SWITCH) MT SWITCH (KEY BOARD SWITCH)	
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*****	******	**********	******
	*9-990-898-01	N BOARD (KEY BOARD UNIT B)	
IC935	8-741-138-70	IC BX1387 (DETECTOR)	
*****	*****	********	*****
		CELLANEOUS	
			i

A,1-230-712-21 RESISTOR ASSY, HIGH-VO'LTAGE
COI'., DEMAGNETIZATION
A.1-451-255-22 DEF'LECTION YOKE (SY-164)
1-452-032-00 MAGNET, DISK; 10MM Ø

Ref.No. Part No.	Description	Remark
1-452-094-00 1-452-146-21	MEGNAT, ROTATABLE DISK; 15MM ø MAGNET, BMC	
A.1-452-351-22	NECK ASSY, CRT (NA 302)	
1-464-747-11	KEY BOARD UNIT (A)	
1-464-748-11	KEY BOARD UNIT (B)	
↑.1-526-920-12 ↑.1-557-970-11	AC OUTLET (WITH EARTH) CORD, POWER	
R1901 <u>A</u> 1-205-904-11 S1901 <u>A</u> 1-554-966-12 S1902 <u>A</u> 1-570-757-11 T604 <u>A</u> 1-439-339-12 Y901 A 8-736-652-05	RES, CEMENT WIREWOUND 1 5% SWITCH, PUSH (AC POWER)(1 KEY) SWITCH, PUSH (DEGAUSS SWITCH) TRANSFORMER ASSY, FLYBACK CRT (A64JKJIOX)	30W

ACCESSORIES AND PACKING MATERIA'S

Part No.	Description	Remark
A-1470-783-A 1-566-316-11 *3-548-372-00 *4-371-190-01 *4-371-191-01 *4-371-192-01	COMMANDER ASSY (RM-739) CONNECTOR, CONVERSION BAG, POLYETHYLENE INDIVIDUAL CARTON (FOR LIGHT GRAY) INDIVIDUAL CARTON (FOR DARK GRAY) CUSHION (FRONT)	
*4-380-432-01 *4-382-051-01 *4-382-053-01 4-482-344-21 4-491-213-22	BAG, PROTECTION CUSHION (LOWER) (ASSY) CUSHION (UPPER) (ASSY) MANUAL, INSTRUCTION INSTRUCTION	

The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.



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SONY SERVICE MANUAL

SUPPLEMENT

SUBJECT: CIRCUIT MODIFICATION

US Model Canadian Model

Chassis No. SCC-A58A-A Serial No. 5,002,401 and later Serial No. 5,000,601 and later No. 1

DARK GRAY Serial No. 5,002,401 and later. LIGHT GRAY Serial No. 5,000,601 and later.

INTRODUCTIONS

1. B, board have been added.

2. D, UB, H₃ and K board have been modified.



US Model Canadian Model

Serial No. 5,022,401 and later Serial No. 5,000,501 and later No. 1 SERVICE MANUAL

SUPPLEMENT

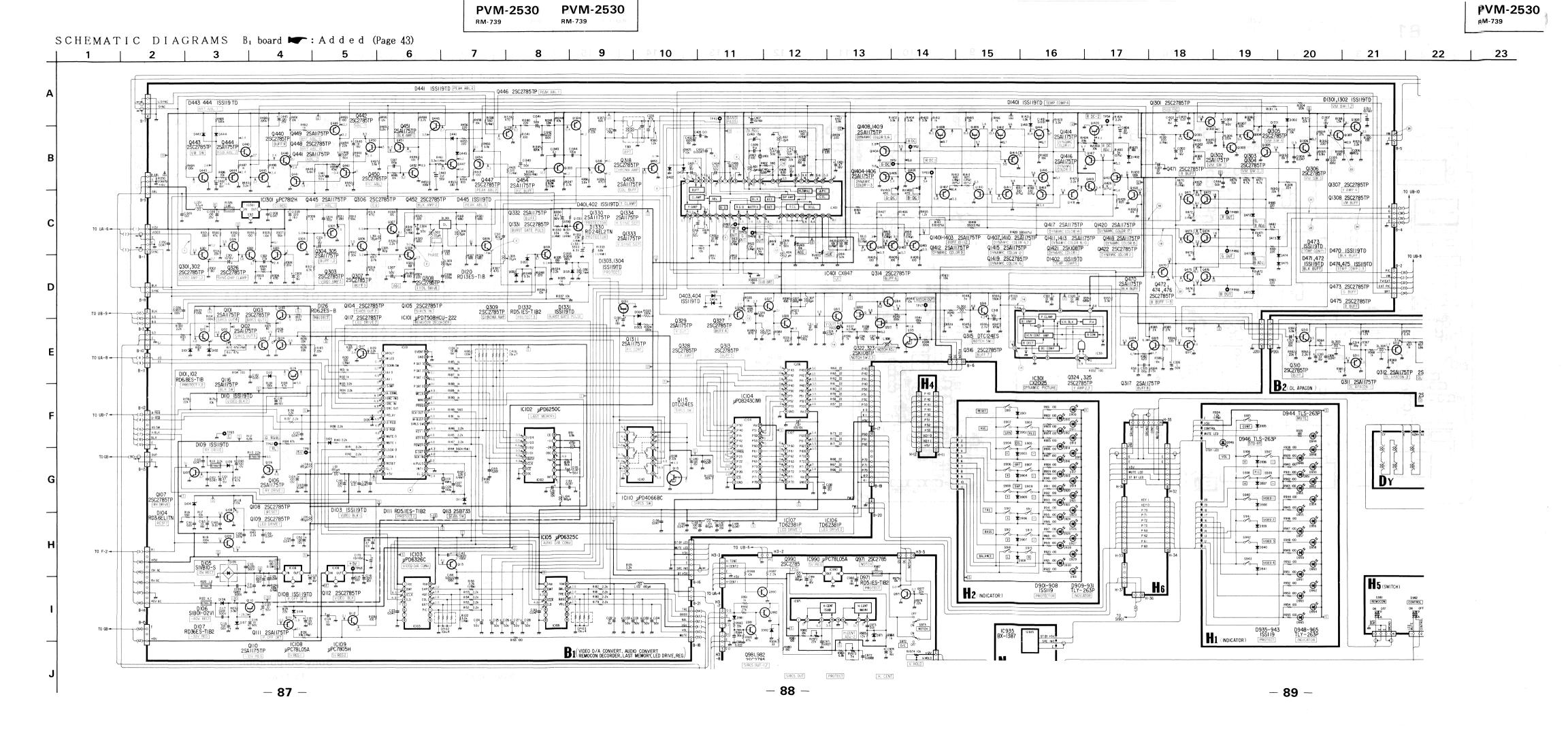
SUBJECT CIRCUIT MODIFICATION

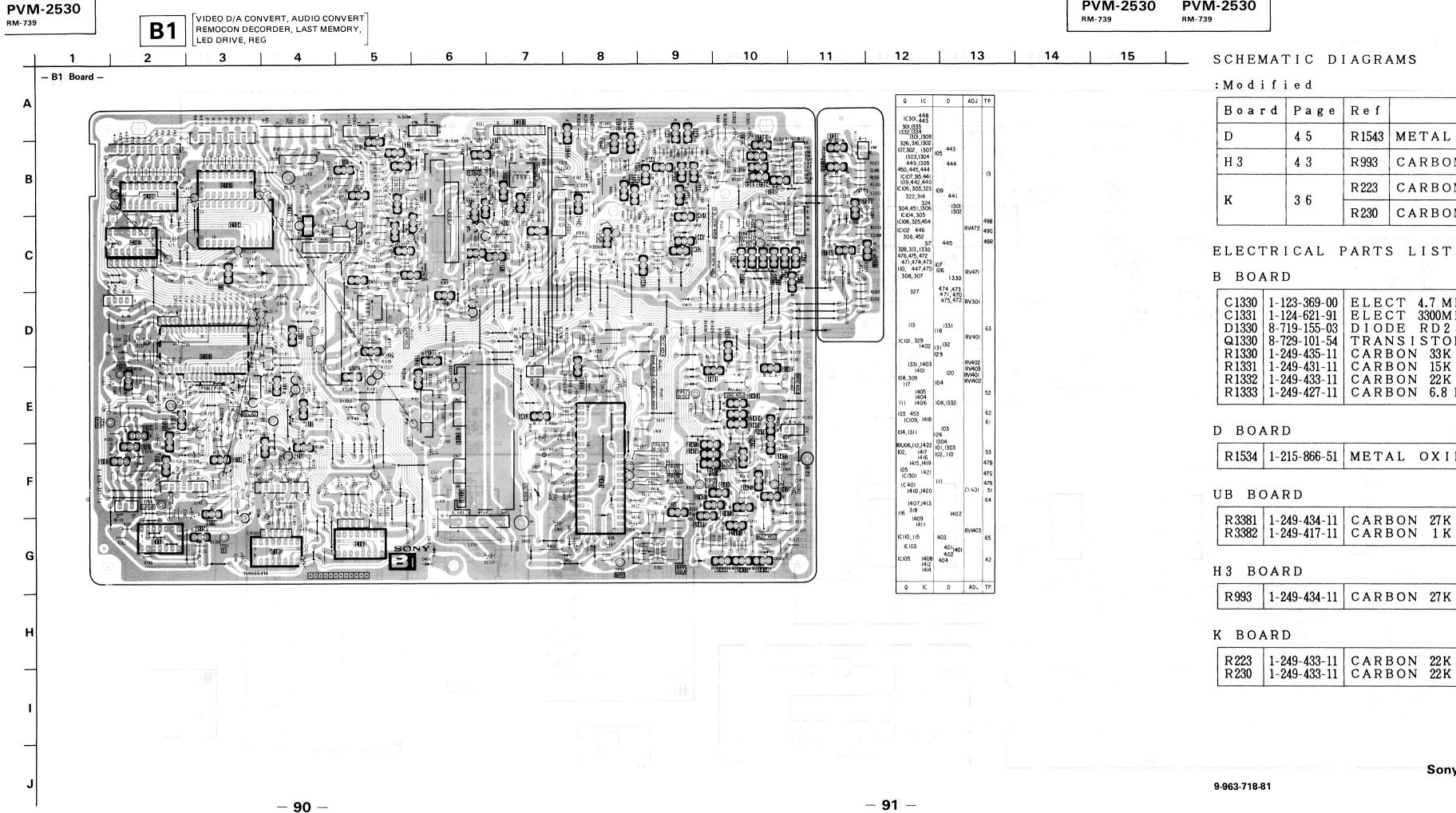
DARK GRAY Serial No. 5,002,401 and later.

INTRODUCTIONS

1. B. board have been added,
2. D. UB. II. and K board have been medified

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Board	Page	Ref	Description				
D	4 5	R 1543	METAL OXIDE 2.2 K 1W→330 1W				
Н 3	4 3	R993	CARBON 39K 1/4W→27K 1/4W				
К	3 6	R 223	CARBON 10K 1/4W→22K 1/4W				
,	30	R 230	CARBON 10K 1 ∕ 6 W → 2 2 K 1 ∕ 4 W				

C1330	1-123-369-00	ELECT 4.7 MF 20% 50 V	
		ELECT 3300MF 20% 6.3V	
		DIODE RD24EL2TN	
		TRANSISTOR 2SA1175	
R1330	1-249-435-11	CARBON 33K 5% 1/4W	
R1331	1-249-431-11	CARBON 15K 5% 1/4W	
R1332	1-249-433-11	CARBON 22K 5% 1/4W	
R1333	1-249-427-11	CARBON 6.8 K 5% 1/4W	

R1534	1-215-866-51	METAL	OXIDE	330	5 %	1 W	
		L					

			4-			
R 3381	1-249-434-11	CARBON	27 K	5 %	1 / 6 W	
R3382	1-249-417-11	CARBON	1 K	5 %	1 / 6 W	

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R993 1-249-434-11 C	CARBON 27K	5 %	1 / 4 W	

R 223	1-249-433-11	CARBON	22K 5% 1/4W	
R 230	1-249-433-11	CARBON	22K 5% 1/4W	

Sony Corporation

TV Group

88AE0232-2 Printed in Japan © 1987.7

PVM-2530

PVM-2530

PVM-2530 RM-739

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Sony Corporation
TV Group

- 94 -

SONY **SERVICE MANUAL**

US Model Canadian Model

Serial No. 2,005,001 and later Chassis No. SCC-A58A-A

No.2

SUPPLEMENT

File this supplement with the service manual.

Note: This service manual is to be used with the PVM-2530 with S Video terminal.

SPECIFICATIONS

Color system

NTSC system

Picture tube

Trinitron tube

Approx. 63.5 cm picture measured diagonally,

100-degree deflection, AG Pitch 0.73 mm

Resolution

VTR inputs: 560 TV lines RGB inputs: 640 × 200 dots

(2000 characters)

Color temperature

9300°K (When the NEW DYNAMIC COLOR

select switch is set to OFF.)

Frequency response

10 MHz (-3 to +4 dB, RGB)

6 MHz (-3 dB, composite video)

Horizontal linearity

Less than ±5%

Vertical linearity

Less than ±5% Horizontal: ±500 Hz

Line pull range Vertical: -8 Hz

Overscan of the picture

Less than +7%

Input return loss

More than 35 dB up to 4 MHz

Zooming

Within 5%

Convergence

Central area:

Periphery:

within 1.0 mm within 1,8 mm

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VIDEO IN:

LINE A/B: BNC connector

composite video, 1 Vp-p ±6 dB, sync negative,

75-ohms termination switchable

VTR: 8-pin connector,

composite video, 1 Vp-p ±6 dB, sync negative, 75-ohms terminated

S VIDEO: 4-pin, mini-DIN

Y (luminance signal); 1 Vp-p, 75-ohms,

unbalanced, sync negative C (chrominance signal);

0.286 Vp-p (burst signal), 75-ohms

AUDIO IN:

LINE A/B: Phono jack, -5 dBs, high impedance VTR: 8-pin connector, -5 dBs,

high impedance

AUDIO (for S video): Phono jack, -5 dBs, high impedance

25-pin connector (See "Pin assignment")

CMPTR

Outputs

VIDEO OUT: AUDIO OUT: LINE A/B: BNC connector LINE A/B: Phono jack

8 ohms (15 W + 15 W)

SPEAKER: Power requirements

120 V AC, 50/60 Hz

Power consumption

180 W max

Dimensions

Approx. $653 \times 508 \times 491$ mm (w/h/d) (253/4 × 20 × 193/8 inches)

Approx. 53 kg (116 lb 14 oz)

Supplied accessories

Remote commander RM-739, with 2 batteries

(IEC designation R6)

BNC-Phono adaptor plug.......4

Optional accessories

SU-539 TV stand

SU-541 TV stand

SS-X6A speaker system

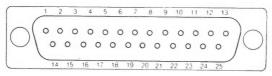
APM-X5A speaker system





CMPTR connector (25-pin)

Pin assignment



Pin No.	Signal	Signal level
1*	IBM select	High state (5 V): IBM mode Low state: 3 Bit TTL
2	Audio select	High state (5 V or open): Audio inputs from pin 13. Low state (less than 0.4 V): Audio inputs from the LINE A/LINE B AUDIO IN jacks or VTR connector
3	H. sync or composite sync	Negative polarity When the high state is selected at pin 9: 1 Vp-p, 75-ohm terminated When the low state is selected at pin 9: TTL level
4	Blue input	Positive polarity When the high state is selected at pin 9: Analog signal (0.7 Vp-p, 75-ohm terminated, non sync
5	Green input	1 Vp-p, 75-ohm terminated, with sync on G-signal) When the low state is selected at pin 9:
		Digital signal (TTL level)
7	No connection	
8	No connection	
9*	Analog/digital mode select	High state (open): Analog signal (0.7 Vp-p) Low state (ground): Digital signal (TTL level)
10	RGB/NORMAL mode select	High state (5 V or open): RGB inputs from a microcomputer Low state (ground): Composite video inputs from the LINE A/LINE B VIDEO IN or VTR connector
11	V-sync	Negative polarity TTL level
12	Blanking	High state (5 V or open): Video inputs from a microcomputer only Low state (ground): Composite video input from the LINE A/LINE B VIDEO IN or VTR connector
		During the low state, the video signal from the microcomputer is blanked and the composite video signal from the LINE A/LINE B VIDEO IN or VTR connector is superimposed over the signal from the microcomputer.
13	Audio input	Input level -5 dB (100% modulation), input impedance more than 47 k ohms
14	No connection	
15-24	Ground	
25*	IBM luminance signal	Positive polarity When the high state is selected at pin 1: TTL level When the low state is selected at pin 1: Low state (ground)

* Examples for microcomputer connections

Pin No. Microcomputer	1	9	25
Analog signal	_	High state	_
IBM computer	High state	Low state	IBM luminance signal
TTL 3BIT computer	Low state	Low state	Low state

While the information given is true at the time of printing, small production changes in the course of our company's policy of improvement through research and design might not necessarily be indicated in the specifications. We would ask you to check with your appointed Sony dealer if clarification on any point is required.

Design and specifications subject to change without notice.

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WARNING!!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.
THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

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SAFETY-RELATED COMPONENT WARNING!

COMPONENTS IDENTIFIED BY SHADING AND MARK

① ON THE SCHEMATIC DIAGRAMS, EXPLODED
VIEWS AND IN THE PARTS LIST ARE CRITICAL TO
SAFE OPERATION. REPLACE THESE COMPONENTS
WITH SONY PARTS WHOSE PART NUMBERS APPEAR
AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS
PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS
THAT ARE CRITICAL TO SAFE OPERATION ARE
IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE
REPLACED OR IMPROPER OPERATION IS SUSPECTED.

ATTENTION!

AFIN D'EVITER TOUT RISQUE D'ELECTROCUTION PROVENANT D'UN CHÁSSIS SOUS TENSION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ETRE UTILISÉ LORS DE TOUT DÉPANNAGE. LE CHÁSSIS DE CE RÉCEPTEUR EST DIRECTEMENT RACCORDÉ À L'ALIMENTATION SECTEUR.

ATTENTION AUX COMPOSANTS RELATIFS À LA SÉCURITÉ!!

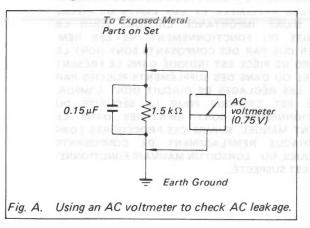
LES COMPOSANTS IDENTIFIÈS PAR UNE TRAME ET PAR UNE MARQUE A SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLOSÉES ET LES LISTES DE PIECES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÉCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY. LES RÉGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT SONT IDENTIFIES DANS LE PRÉSENT MANUEL. SUIVRE CES PROCÉDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT EST SUSPECTÉ.

SAFETY CHECK-OUT

(US Model only)

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

- Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
- Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
- Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
- 4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
- Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
- Check the line cord for cracks and abrasion.
 Recommend the replacement of any such line cord to the customer.
- Check the condition of the monopole antenna (if any).
 - Make sure the end is not broken off, and has the plastic cap on it. Point out the danger of impalement on a broken antenna to the customer, and recommend the antenna's replacement.
- 8. Check the B+ and HV to see they are at the values specified. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
- Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.



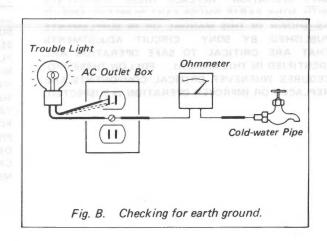
LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

- A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
- A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
- 3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

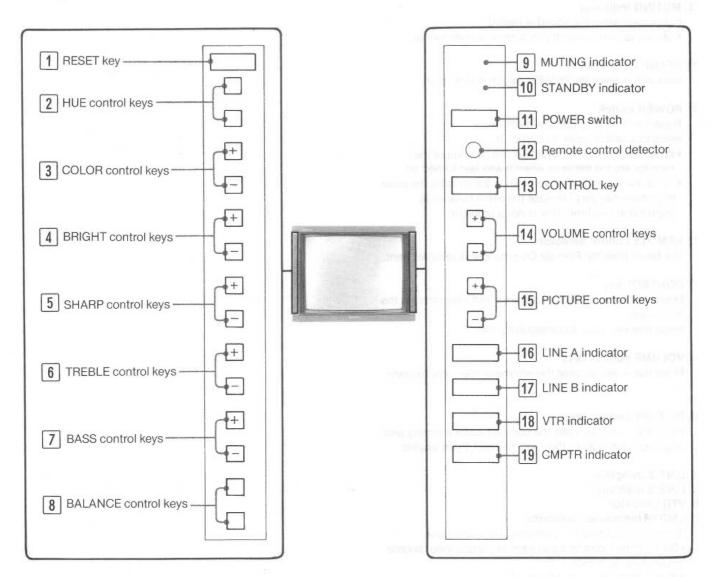
HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60–100 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)



SECTION 1 GENERAL

1-1. LOCATION AND FUNCTION OF PARTS AND CONTROLS Front panel



• Press CONTROL key after power is turned on to light the control keys or indicators.

The following control keys are effective only when MANUAL CONTROL switch on the rear panel is set to ON.

1 RESET key

Press this key to return to the standard setting.

This key is effective only for the control keys on the left.

2 HUE control keys

Press the GRN (green) key to make the skin tones greenish or the PUR (purple) key to make it purplish.

3 COLOR control keys

Press the + key to make the color intensity vivid or the - key to make it pale.

4 BRIGHT (brightness) control keys

Press the + key to make the picture brighter or the - key to make it darker.

5 SHARP (sharpness) control keys

Press the + key to obtain a sharp picture or the – key to obtain a less sharp picture.

6 TREBLE control keys

Press the + key to increase the treble (high tone) or the - key to decrease it.

7 BASS control keys

Press the + key to increase the bass (low tone) or the - key to decrease it.

8 BALANCE control keys

Press the L key to increase the sound volume of the left speaker or the R key to increase the sound volume of the right speaker.

SECTION 1

9 MUTING indicator

Illuminates while the sound is muted.

• Muting is controlled only by a remote commander.

10 STAND BY indicator

Illuminates when the POWER switch is turned off.

11 POWER switch

Press this switch to turn the monitor on. Press this switch again to turn it off.

• When the monitor is turned on, the settings of the monitor are the same as when it was last turned off.

 For a few seconds after turning on the monitor the color of picture may vary because the white balance is adjusted at this time. This is not a problem.

12 REMOTE control detector

The beam from the Remote Commander is received here.

13 CONTROL key

Press this key to illuminate the keys and indicators on the front panel.

Press this key again to extinguish them.

14 VOLUME control keys

Press the + key to raise the volume or the - key to lower it.

15 PICTURE control keys

Press the + key to make the contrast, color intensity and brightness stronger or the - key to make them weaker.

16 LINE A indicator

- 17 LINE B indicator
- 18 VTR indicator

19 CMPTR (computer) indicator

When the input source is selected, each indicator:

- Blinks if the indicators and keys excepting input source indicators illuminate.
- Illuminates if they are extinguished.

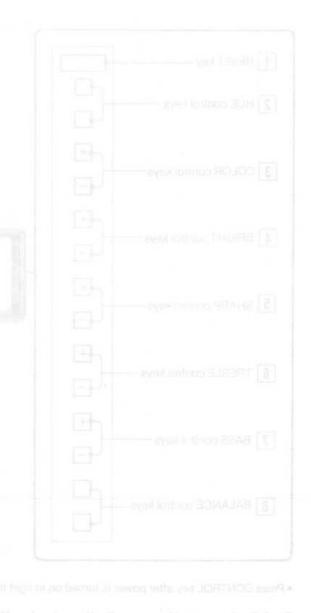
Note on the superimposing function and additional additional and additional a

The PVM-2530 can superimpose the CMPTR input source onto the other input source. For this function once the CMPTR input source has been selected, both the indicator of the CMPTR input source and the indicator of the input source selected just before the CMPTR will blink or illuminate.

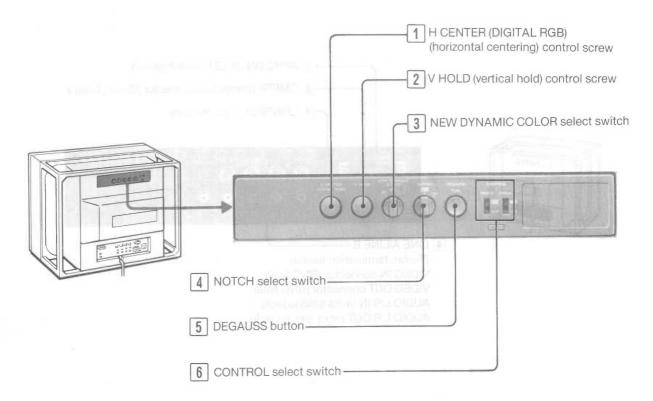
Key illumination

For the keys 1 through 8, 14 and 15:

- While each key is pressed, it blinks, indicating that adjustment is going on.
- During adjustment, if the adjustment value reaches the limit, the blinking speed becomes slower.



Rear panel



1 H CENTER (DIGITAL RGB) (horizontal centering)

When the picture of DIGITAL RGB input is distorted horizontally, correct it with this control.

2 V HOLD (vertical hold) control

When the picture rolls vertically, correct it with this control.

3 NEW DYNAMIC COLOR select switch

Normally set to ON, which makes it possible to obtain natural skin tone and "blueish white".

4 NOTCH select switch

Normally set to OFF.

To eliminate notches forming along the horizontal boundary between the colors, set this switch to ON.

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5 DEGAUSS button

Push this button for more than 5 seconds to demagnetize the screen.

(Just a touch may make the screen more magnetized.) Wait for 10 minutes or more before activating this button again.

6 CONTROL select switches

Normally set to ON.

REMOTE CONTROL switch

Set this switch to ON to control the monitor with a Remote Commander.

If this switch is set to OFF, the remote control is not possible.

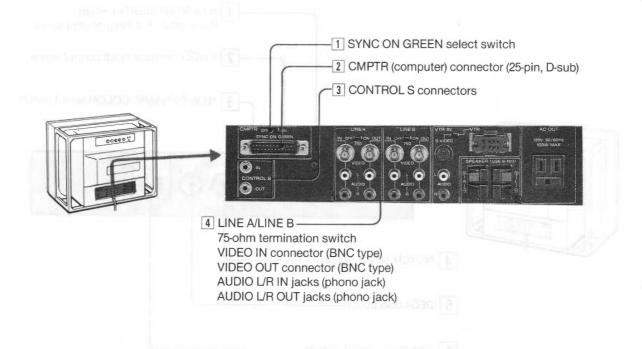
MANUAL CONTROL switch

Set this switch to ON to control the monitor manually. To make the manual control of the control keys or switches on the front panel impossible, distinguish the indicators by pressing the CONTROL key on the front panel and set this switch to OFF.

(However remote control is possible if REMOTE)

(However remote control is possible if REMOTE CONTROL switch is set to ON.)

Connectors



1 SYNC ON GREEN select switch

When an RGB input source is connected to CMPTR connector, set this switch to:

ON to synchronize with the sync signal on G-signal.OFF to synchronize with H./V. sync signal or composite sync signal.

2 CMPTR (computer) connector (25-pin, D-sub)

Connect to a microcomputor with digital or analog RGB outputs.

For the pin assignment, refer to SPECIFICATIONS.

3 CONTROL S IN/OUT connectors

Connect to the CONTROL S connectors of a VTR or several monitors.

It is then possible to control the system with a single Remote Commander.

4 LINE A/LINE B

VIDEO IN connector (BNC type) AUDIO L/R IN jacks (phono jack)

Connect to the video and audio outputs of a VTR or a camera.

VIDEO OUT connector (BNC type) AUDIO L/R OUT jacks (phono jack)

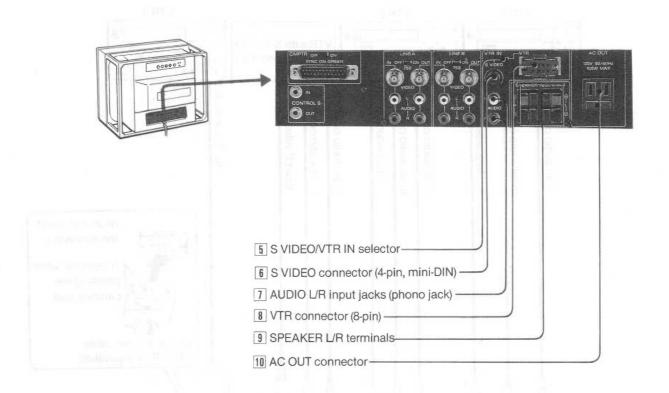
Loop-through outputs of the IN connector and jacks.

Connect to the video and audio inputs of another monitor.

75-ohm termination switch

When only the VIDEO IN connector is used (nothing is connected to the VIDEO OUT connector), set this switch to ON.

When both connectors are used together for a loop-through connection), set this switch to OFF.



5 S VIDEO/VTR IN selector

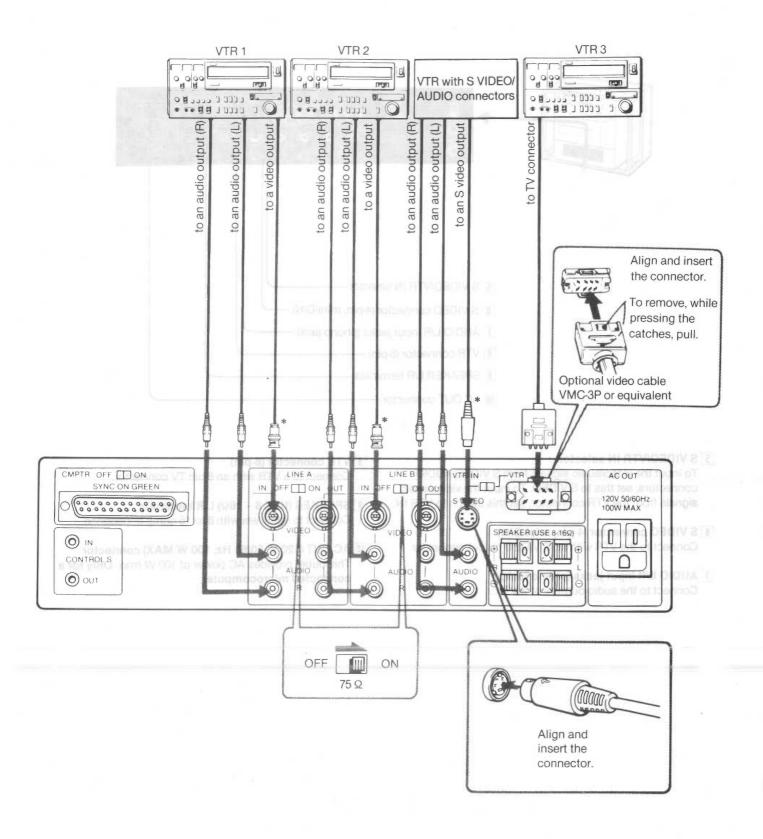
To input the video/audio signals from S VIDEO/AUDIO connectors, set this to S VIDEO. To input the video/audio signals from the VTR connector, set this switch to VTR IN.

- 6 S VIDEO connector (4-pin, mini-DIN)
 Connect to the VTR with an S VIDEO output connector.
- 7 AUDIO L/R input jacks (phono jack)
 Connect to the audio outputs of a VTR.

- 8 VTR connector (8-pin)
 Connect to a VTR with an 8-pin TV connector.
- § SPEAKER (USE 8 16Ω) L/R terminals
 Connect to speakers with 8 to 16 ohms impedance.
- 10 AC OUT (120 V, 50/60 Hz, 100 W MAX) connector This outlet provides AC power of 100 W max. Only for a connected microcomputer.

1-2. SYSTEM CONNECTIONS

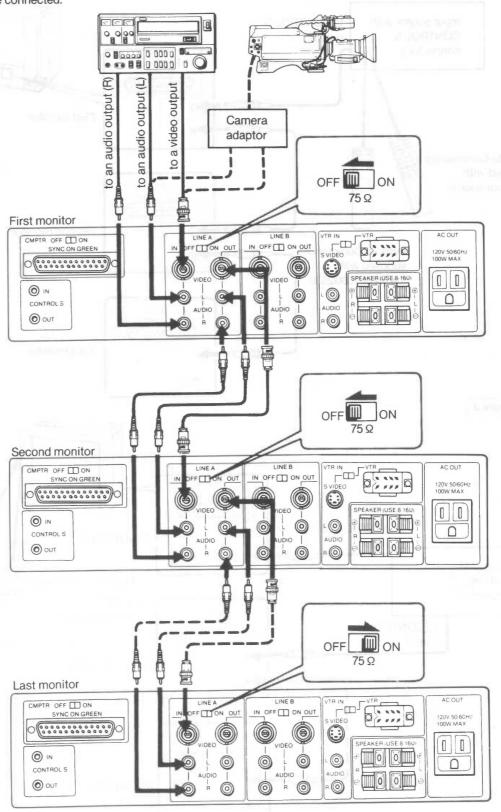
CONNECTING A VTR



^{*} If the connected VTR's video output is an RCA phono jack, use the supplied BNC-Phono adaptor plug.

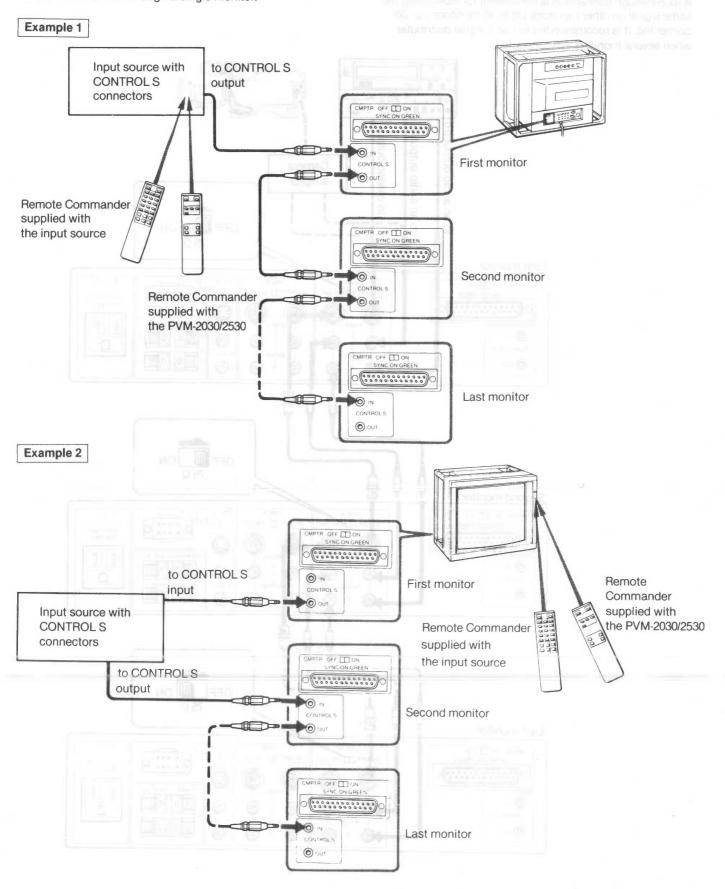
CONNECTING SEVERAL MONITORS

A loop-through connection is convenient for monitoring the same signal on other monitors. Up to 10 monitors can be connected. It is recommended to use a signal distributer when several monitors are connected.



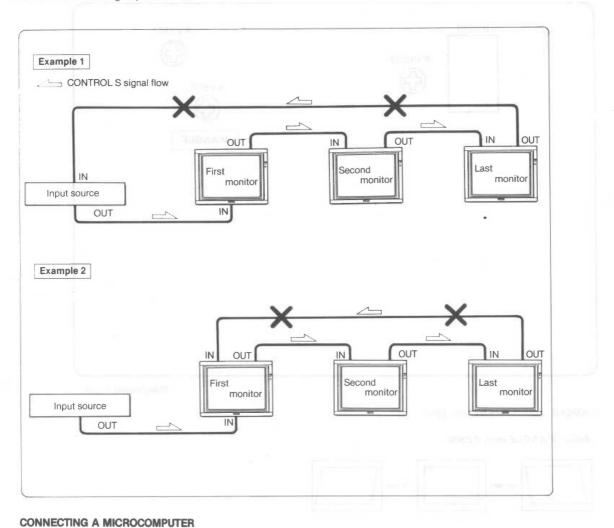
CONTROL S connection

The following connections allow remote control of several monitors and a VTR through a single monitor.



Note

Do not use the following loop connections.



to an AC input Microcomputer Connecting cable SMF-517 AC power cord LINE B CMPTR OFF LINEA AC Lml SYNC IN OFF ON OUT IN OFF ON OUT 0 SPEAKER (USE 8-169 0 O IN 0 0 CONTROLS

For signal to be connected, see "SPECIFICATIONS" on page 17.

The power source must be supplied from here.

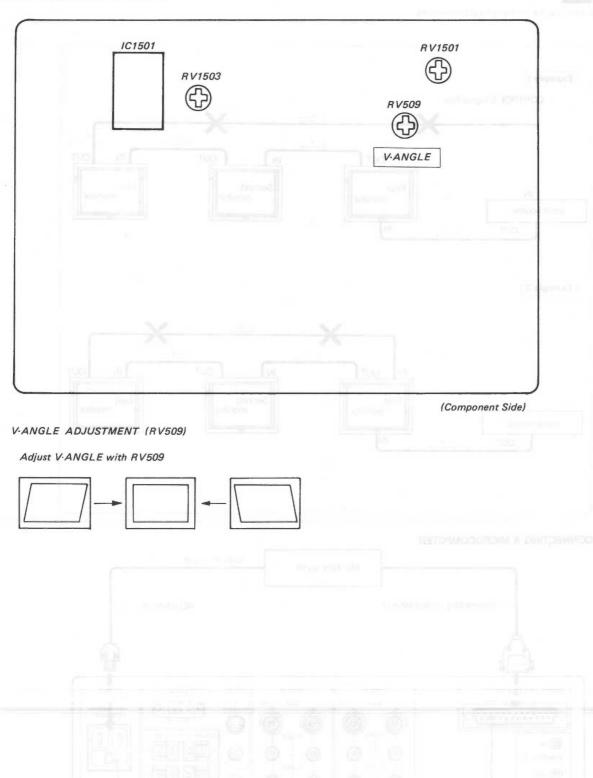
When a microcomputer has only a composite video output connector, connect it to the LINE A or LINE B VIDEO IN connector.

OUT

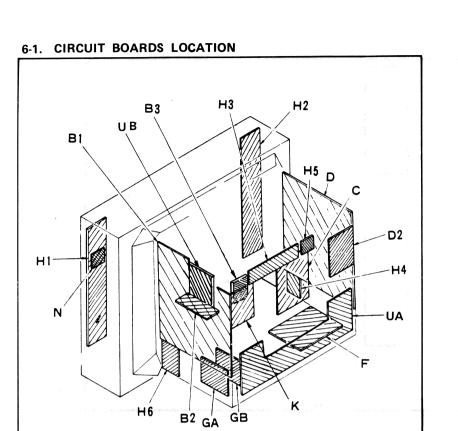
AUDIO

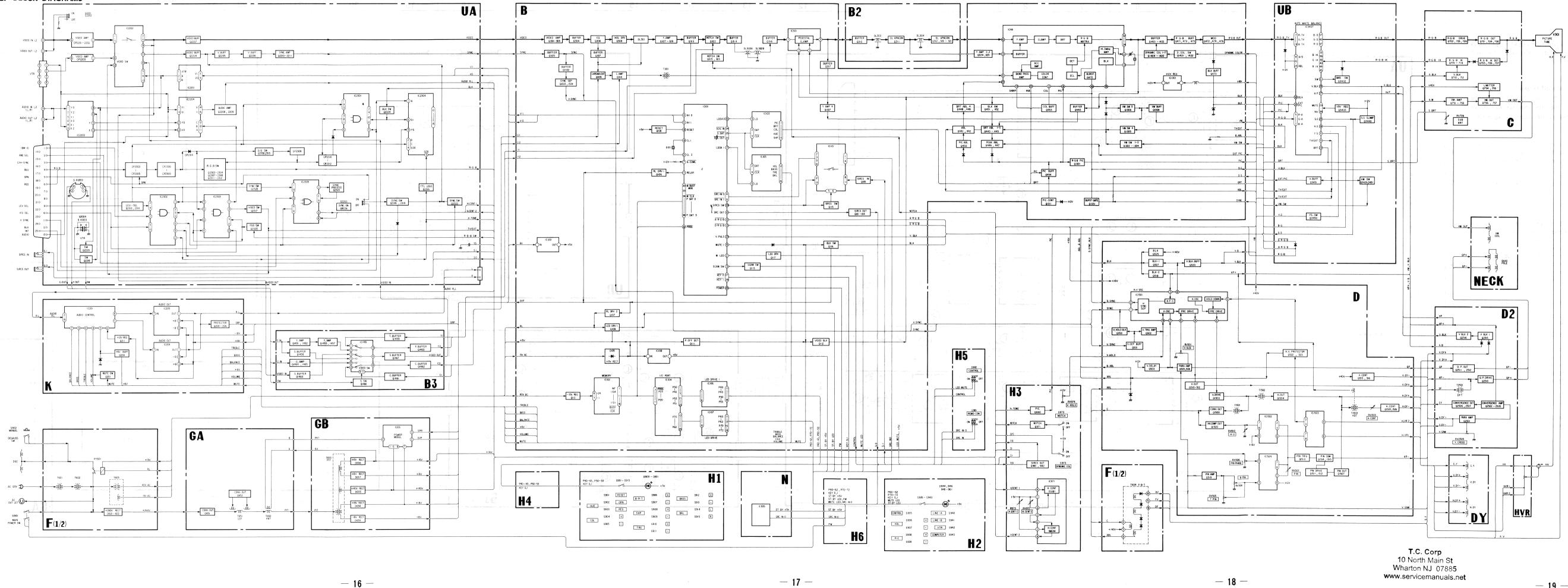
SECTION 5 CIRCUIT ADJUSTMENTS

5-1. D BOARD ADJUSTMENT.









PVM-2530 RM-739 PVM-2530 RM-739

Note: The components identified by shading and mark

A are critical for safety. Replace only with part number specified.

6-3. SCHEMATIC DIAGRAM (1)

cte: Les composants identifiés par une trame en par une marque A sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié.

Note:

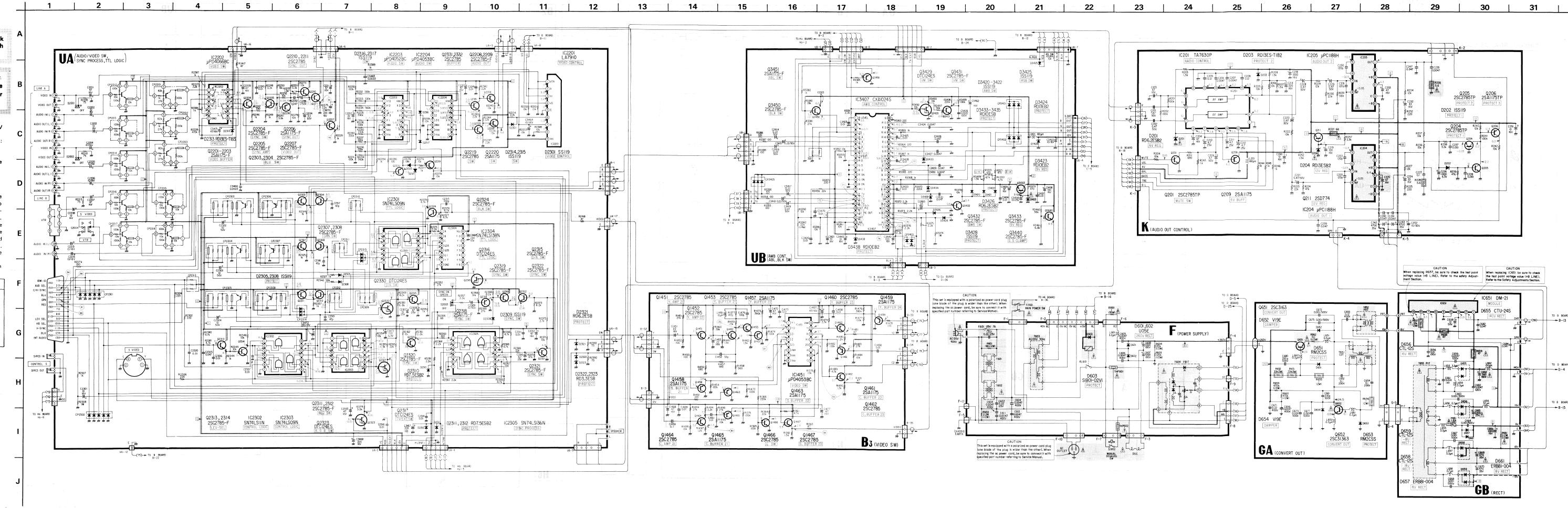
- All capacitors are in μF unless otherwise noted. p: μμF 50WV or less are not indicated except for electrolytics.
- All resistors are in ohms, 1/4W unless otherwise noted. k: 1000Ω , M: $100k\Omega$.
- nonflammable resitor.
- All variable and adjustable resistors have characteristicc curve
- B, unless otherwise noted.

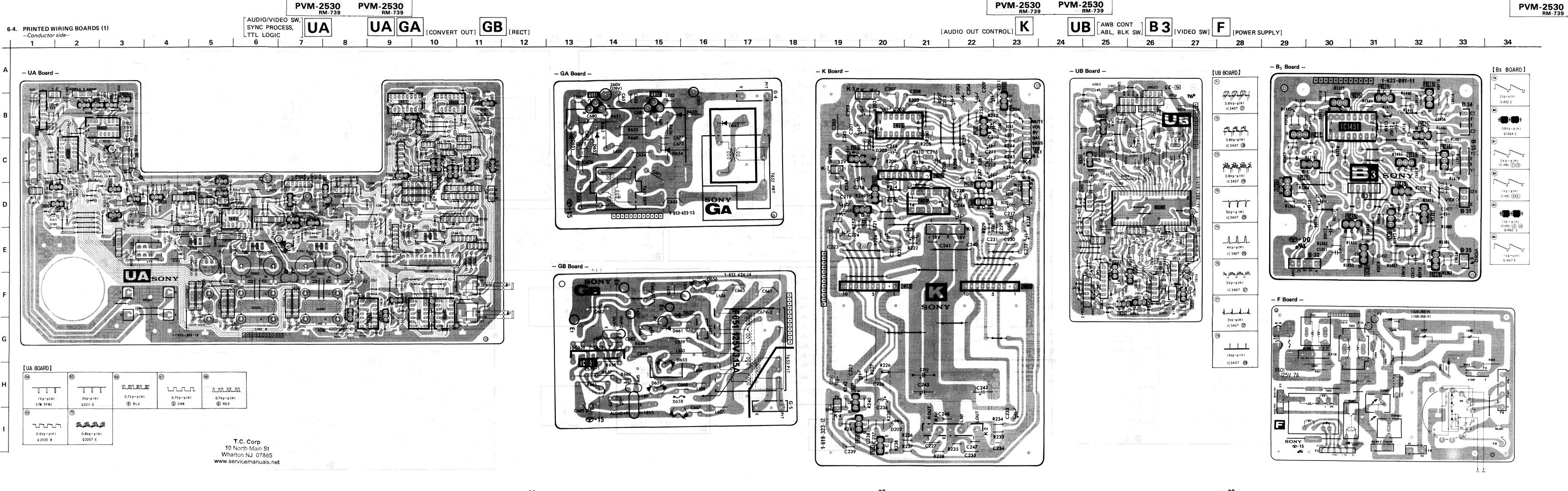
 tusible resistor.
- \(\triangle \) : internal component.
- : panel designation.
- The components indentified by in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

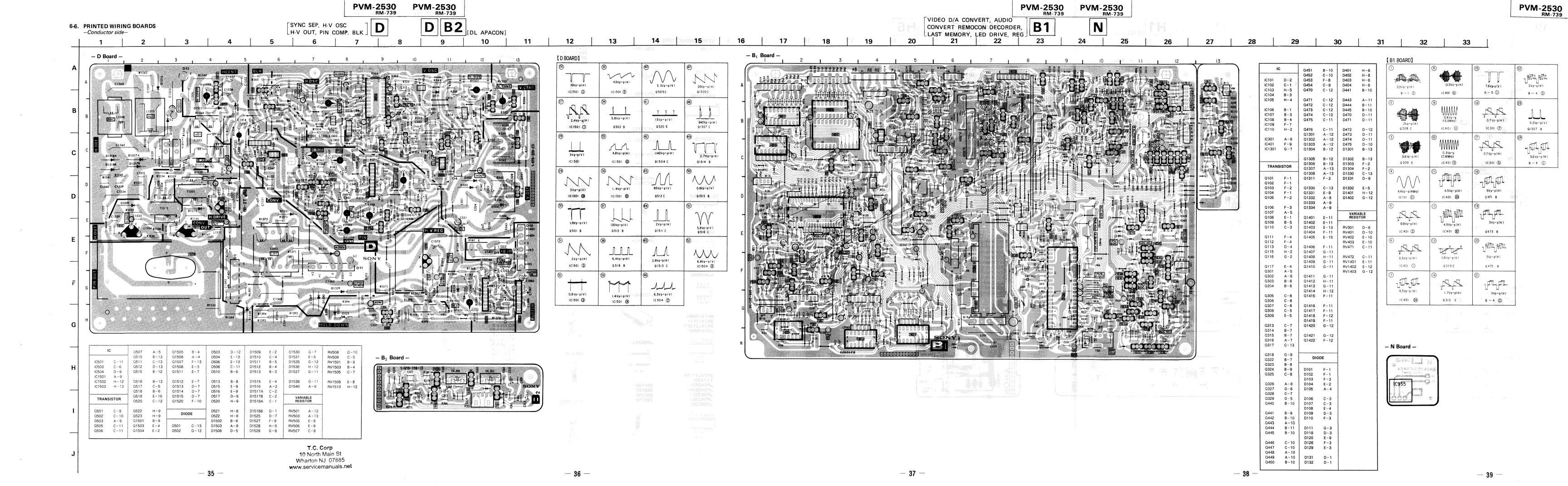
When replacing the part in below table, be sure to perform the related adjustment.

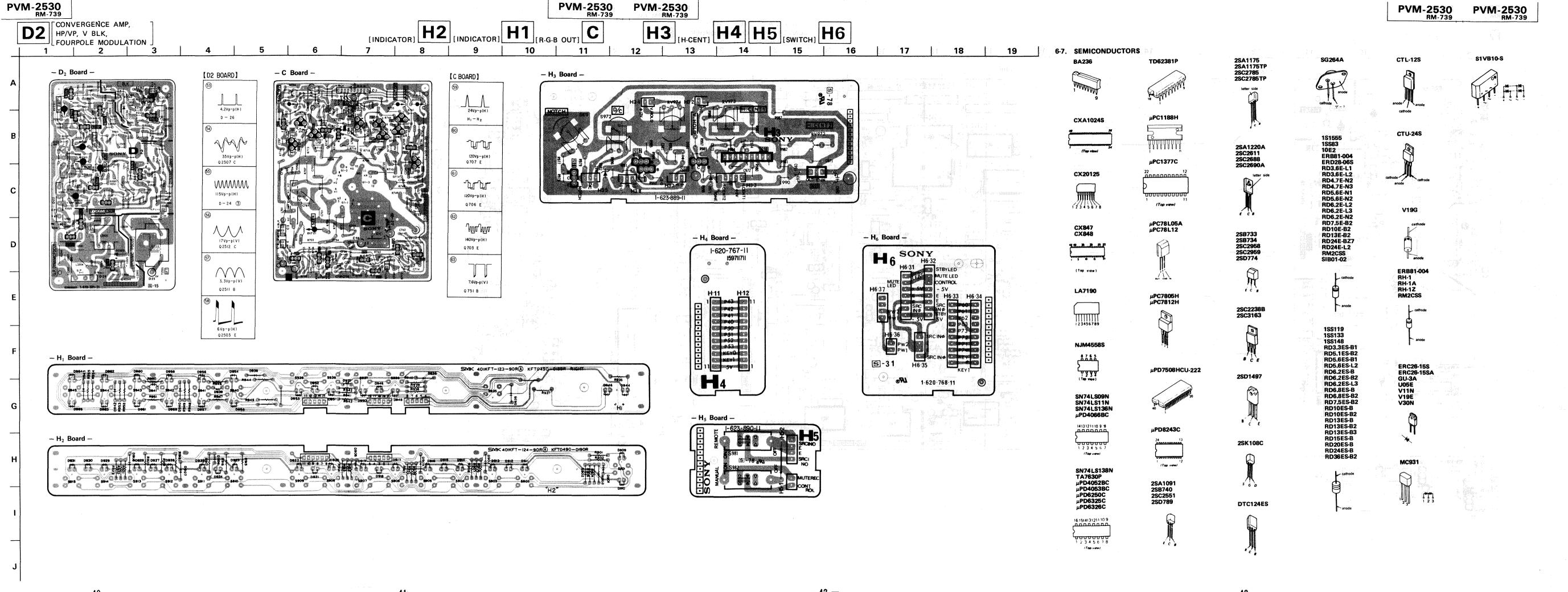
Part replaced (☐)	Adjustment (🖪)
C1509, IC1501, IC1503, D520, D521, D522, D1540, Q522, Q523, R593, R594, R595, R596, R597, R598, R599, R1350, R1518, R1519, R1520, R1521, R1522, R1523, R1525, R1590, R1592, R1593, R1594, R1595, R1597, R1598,	R597

- Voltages are dc with respect to ground unless otherwise
- Readings are taken with a $10M\Omega$ digital multimeter.
- Voltage variations my be noted due to normal production tolerances
- adjustment to repair.
- Readings are taken with a color-bar-signal input.
 no mark: with NTSC(3.58MHz) color-bar signal received.
- (): with DIGITAL color-bar signal received.
- Circled numbers refer to waveforms.
- B₃ board voltage readings are taken with inputting a color-bar S signal.









SECTION 7 EXPLODED VIEWS

NOT

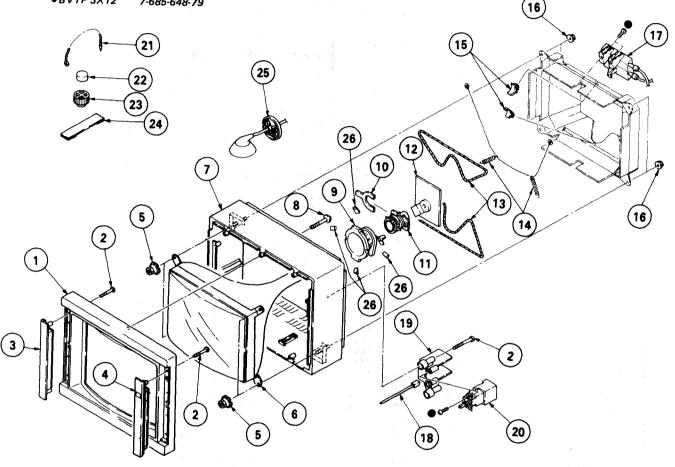
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark A are critical for safety.

Replace only with part number specified.

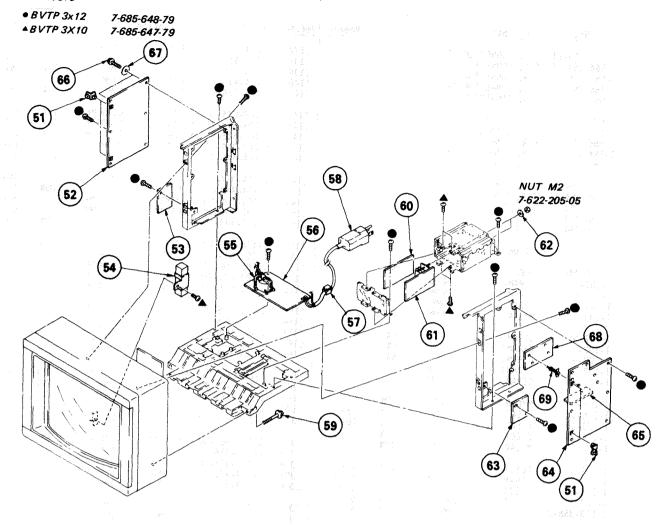
Les composants identifiés par une trame et une marque Asont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

7-1. PICTURE TUBE • 8VTP 3X12 7-685-648-79



No.	Part No.	Description	Remark	No.	Part No.	Description	Domark
8 9 10 11	X-43/4-161-3 4-319-520-11 X1-451-255-22 1-452-146-21 X1-452-351-22	BEZEL ASSY (FOR LIGHT GRAY) + BV 3X25 KEY BOARD UNIT (A) KEY BOARD UNIT (B) NUT, SPECIAL, CRT PICTURE TUBE (A64JKJ10X) CABINET ASSY (FOR DARK GRAY) CABINET ASSY (FOR LIGHT GRAY) SCREW, SPECIAL (+PW4X30) DEFLECTION YOKE	2 2 2	15 16 16 17 18	1-426-296-11 4-303-774-XX *4-371-629-01 4-306-034-00 ★1-230-712-22 *4-371-182-01 *4-371-183-01 ★1-554-966-12 4-308-870-00 1-452-032-00 1-452-032-00 X-4306-312-0 *4-369-234-01	COIL, DEMAGNET; SPRING STOPPER, WIRE FLANGE NUT, (B) RESISTOR ASSY, SHAFT COVER, MAIN SWI SWITCH, PUSH (A CLIP, LEAD WIRE MAGNET, DISK; 1 MAGNET, ROTATAB PERMALLOY ASSY, HOLDER, HV CABL	5MM HIGH-VOLTAGE TCH C POWER)(1 KEY) OMM Ø LE DISK; 15MM Ø CONVERGENCE
				20	3-703-003-00	SPACER, DY	

7-2. CHASSIS



No. 5						
No. Part No.	Description	Remark No	Part No.	Description		
51 *4-313-732-00	CLIP, HINGE, CIRCUIT ROARD		141 77.1	* 13 ± 12 ±		Remark
52 *A-1345-688-A 53 *1-620-767-11	U BUARD, COMPLETE		51 *1-613-423-11 52 3-845-490-00	GA BOARD WASHER		
54 A.1-205-904-11	H4 BOARD RES, CEMENT WIREWOUND 1 5%		53 *1-620-768-11	H6 BOARD		
20 1011-422-333-14	TRANSFORMER ASSY_ FLYBACK	- 30m 6	54 *A-1135-476-A 55 *1-619-318-11	B1 (B) BOARD, COMPLETE		65
57 A.*4-371-185-02	RICUING AC COOR	i	66 4-302-428-00	B2 BOARD HEAD, WASHER, TAPPING	SCDEM	
	LUKU, PUMEK	F4-10-1-000 - T-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	7 4-383-101-01 8 *A-1373-058-A	WASHER (DIA.14)	SUNLA	
60 +1 612 +24	SCREW, SPECIAL (+PW4X30) GB BOARD		1 + 0 / 0 - 0 0 C - M		ne i verbinske. Baktis i b	
	SO V SOMEO	1.		- Jointo		

The components identified by shading and mark Aare critical for safety.

Replace only with part number specified.

Les composants identifiés par une trame et une marque Asont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

7-3. BACK COVER • BYTP 3x12 7-685-649-79 • BVTP 3x10 7-685-647-79 101 102 103 109 109 118

No.	Part No.	<u>Description</u> Remar	rk No.	Part No.	Description Pomph
l 01 l 02	*1-623-890-11 *A-1340-936-A \$\.1-570-757-11 4-381-168-01 4-381-167-01 4-381-167-01 4-381-166-01 4-381-166-01	H5 BOARD D2 BOARD, COMPLETE SWITCH, PUSH (DEGAUSS SWITCH) BUTTON, DEGAUSSING (FOR DARK GRAY) BUTTON, DEGAUSSING (FOR LIGHT GRAY) KNOB (B), CONTROL (FOR DARK GRAY) KNOB (B), CONTROL (FOR DARK GRAY) KNOB (A), CONTROL (FOR DARK GRAY) KNOB (A), CONTROL (FOR DARK GRAY)	110 111 112 114	4-371-176-01 4-371-176-11 4-371-181-01 4-371-181-11 *3-670-570-11 *A-1373-088-A A-1-526-920-12 *A-1380-189-A	Description Remark CAP, SQUARE (FOR DARK GRAY) CAP, SQUARE (FOR LIGHT GRAY) CAP (FOR DARK GRAY) CAP (FOR LIGHT GRAY) SPACER, SUPPORT UA BOARD, COMPLETE AC OUTLET (WITH EARTH) K BOARD, COMPLETE
08 09	4-319-520-11 4-382-005-11	H3 BOARD, COMPLETE SCREW, SPECIAL (+PW4X30) PANEL, CONTROL (FOR DARK GRAY) PANEL, CONTROL (FOR LIGHT GRAY)	118 119 120	X-4374-162-4 4-316-003-21 4-316-003-31 *3-703-141-00	COVER ASSY, REAR (FOR DARK GRAY) 118 COVER ASSY, REAR (FOR LIGHT GRAY)118 HOLDER, CORD (FOR DARK GRAY) HOLDER, CORD (FOR LIGHT GRAY) HOLDER, PCB B3 BOARD, COMPLETE

The components identified by shading and mark Aare critical for safety.

Replace only with part number specified.

Les composants identifiés par une trame et une marque Asont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

T.C. Corp

10 North Main St

Wharton NJ 07885

www.servicemanuals.net

SECTION 8 **ELECTRICAL PARTS LIST**

R1363 1-249-401-11 CARBON

R1364 1-249-433-11 CARBON

The components identified by shading and mark Mare critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Asont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

routine service. Some delay should be anticipated when ordering these items. • All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

CAPACITORS • MF : ער, PF : עער

When indicating parts by reference number, please include the board name.

RESISTORS • Items marked " * " are not stocked · All resistors are in ohms since they are seldom required for F : nonflammable COILS

• MMH : mH, UH : باH

• The components identified by A in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

Ref.No. Part No. Description Remark | Ref. No. Part No. Description Remark R1365 1-249-441-11 CARBON *A-1130-631-A B3 BOARD, COMPLETE 100K 5% 1/4W *********** R1366 1-247-887-00 CARBON 220K 5% 1/4W R1375 1-249-441-11 CARBON 100K 5% 1/4W CONNECTOR R1376 1-249-429-11 CARBON 10K 5% 1/4W R1377 1-249-413-11 CARBON B31 *1-566-055-11 PIN, CONNECTOR 3P *1-566-057-11 PIN, CONNECTOR 5P R1451 1-249-434-11 CARBON 5% 10K 5% 1/4W 100 5% 1/4W B33 *1-566-056-11 PIN, CONNECTOR 4P R1452 1-249-429-11 CARBON *1-566-056-11 PIN, CONNECTOR 4P R1453 1-249-405-11 CARBON B35 *1-566-054-11 PIN, CONNECTOR 2P R1454 1-249-441-11 CARBON 100K 5% 1/4W R1456 1-249-415-11 CARBON 680 5% 1/4W R1457 1-249-415-11 CARBON 680 5% 1/4W C1451 1-123-330-00 ELECT 20% R1458 1-249-414-11 CARBON 560 5% 1/4W C1452 1-102-963-00 CERAMIC 5% R1459 1-249-419-11 CARBON 1.5K 5% 1/4W 50**y** C1453 1-123-330-00 ELECT 22MF 20% 167 R1460 1-249-436-11 CARBON 39K 5% 1/4W C1456 1-136-153-00 FILM 0.01MF 5% 50V R1461 1-215-448-00 CARBON 13K 5% 1/4W C1457 1-124-477-11 ELECT 47MF 20% 16V R1462 1-249-419-11 CARBON 1.5K 5% 1/4W R1473 1-215-483-00 CARBON R1474 1-249-441-11 CARBON C1458 1-102-129-00 CERAMIC 0.01MF 10% 50V 390K 5% 1/4W C1459 1-136-165-00 FILM 0.1MF 50V 100K 5% 1/4W 5% C1461 1-136-153-00 FILM 0.01MF 5% 50v R1476 1-215-483-00 CARBON 390K 5% 1/4W C1468 1-124-477-11 ELECT 47MF 167 20% R1477 1-249-441-11 CARBON 100K 5% 1/4W C1469 1-102-129-00 CERAMIC 0.01MF 10% 50V R1478 1-249-405-11 CARBON 100 5% 1/4W C1472 1-124-477-11 ELECT A7ME 20% R1479 1-249-422-11 CARBON 2.7K 5% 1/4W C1473 1-102-129-00 CERAMIC 0.01MF 10% 50**v** R1480 1-249-418-11 CARBON 1.2K 5% 1/4W C1476 1-102-973-00 CERAMIC 100PF 5% 50V R1481 1-249-401-11 CARBON 47 5% 1/4W C1477 1-124-477-11 ELECT 47MF 20% 167 R1482 1-249-441-11 CARBON 100K 5% 1/4W R1483 1-249-434-11 CARBON 27K 5% 1/4W R1484 1-249-429-11 CARBON 10K 5% 1/4W IC1451 8-759-140-53 IC UPD4053BC R1489 1-249-425-11 CARBON 4.7K 5% 1/4W R1490 1-249-419-11 CARBON 1.5K 5% 1/4W R1491 1-249-401-11 CARBON 47 5% 1/4W COIL L1451 1-408-409-00 INDUCTOR R1492 1-249-405-11 CARBON 100 5% 1/4W R1493 1-249-441-11 CARBON 100K 5% 1/4W R1494 1-249-434-11 CARBON TRANSISTOR 27K 5% 1/4W | R1495 1-249-429-11 CARBON | R1496 1-249-421-11 CARBON 10K 5% 1/4W 01451 8-729-178-54 TRANSISTOR 2SC2785 2.2K 5% 1/4W 01452 8-729-178-54 TRANSISTOR 2SC2785 01453 8-729-178-54 TRANSISTOR 2SC2785 R1497 1-249-418-11 CARBON 1.2K 5% 1/4W Q1457 8-729-117-54 TRANSISTOR 2SA1175 R1498 1-249-434-11 CARBON 27K 5% 1/4W Q1458 8-729-117-54 TRANSISTOR 2SA1175 R1499 1-249-429-11 CARBON Q1459 8-729-117-54 TRANSISTOR 2SA1175 01460 8-729-178-54 TRANSISTOR 2SC2785 Q1461 8-729-117-54 TRANSISTOR 2SA1175 *A-1135-476-A B1 (B) BOARD, COMPLETE Q1462 8-729-178-54 TRANSISTOR 2SC2785 Q1463 8-729-117-54 TRANSISTOR 2SA1175 (INCLUDING B2 BOARD) CONNECTOR 01464 8-729-178-54 TRANSISTOR 2SC2785 01465 8-729-117-54 TRANSISTOR 2SA1175 B1 *1-566-057-11 PIN, CONNECTOR 5P 01466 8-729-178-54 TRANSISTOR 2SC2785 *1-566-057-11 PIN, CONNECTOR 5P 01467 8-729-178-54 TRANSISTOR 2SC2785 *1-566-055-11 PIN, CONNECTOR 3P *1-566-056-11 PIN, CONNECTOR 4P *1-566-054-11 PIN, CONNECTOR 2P R1361 1-249-425-11 CARBON 4.7K 5% 1/4W *1-566-055-11 PIN, CONNECTOR 3P 1.5K 5% 1/4W 47 5% 1/4W R1362 1-249-419-11 CARBON *1-566-056-11 PIN, CONNECTOR 4P

B1 B1	PVM-2530 RM-739	PVM-2530 RM-739
	B 1	B1

						and the second	· · · · · · · · · · · · · · · · · · ·	<u> </u>							
Ref.No. Part No. Des	scription	Remark Ref.No	Part No.	Description			Remark	Ref.	lo. Part	No.	Description			Remark	Ref.No. Part No. Description Remark
B10 *1-566-055-11 PIN B11 *1-566-054-11 PIN B12 *1-566-059-11 PIN B13 *1-566-054-11 PIN B14 *1-566-063-11 PIN	N, CONNECTOR 2P N, CONNECTOR 7P N, CONNECTOR 2P	C138	1-124-443-00 1-124-443-00 1-123-356-00 1-124-443-00 1-123-356-00	ELECT ELECT ELECT	100MF 100MF 10MF 100MF 100MF	20% 20% 20%	10V 10V 16V 10V 16V	C 33! C40: C40: C40: C40:	1-123 1-124 3 1-103	2-887-00 3-330-00 4-360-00 2-125-00 3-447-00	ELECT ELECT CERAMIC	47PF 22MF 1000MF 0.0047MF	5% 20% 20% 10% 20%	50V 16V 16V 50V	C1403 1-102-129-00 CERAMIC 0.01MF 10% 50V C1404 1-123-318-00 ELECT 33MF 20% 16V TRIMMER
B15 *1-508-765-00 3P B16 *1-566-059-11 PIN B17 *1-566-063-11 PIN B18 *1-566-059-11 PIN B19 *1-566-062-11 PIN	N, CONNECTOR 7P N, CONNECTOR 11P N. CONNECTOR 7P	C142 C143 C144 C145 C146	1-102-074-00 1-108-618-91 1-108-618-91 1-119-354-00 1-124-446-11	MYLAR MYLAR ELECT	0.001MF 0.0022MF 0.0022MF 330MF 47MF	10% 10%	50V 100V 100V 10V 10V	C409 C409 C409 C409 C419	1-12: 7 1-12: 9 1-10:	2-129-00 3-447-00 3-356-00 2-945-00 2-074-00	ELECT ELECT CERAMIC	0.01MF 0.22MF 10MF 8PF 0.001MF	10% 20% 20% 0.5PF 10%	50V 50V 16V 50V 50V	CV401 1-141-147-XX CAP, TRIMMER DIODE D101 8-719-109-95 DIODE RD6.8ES-B D102 8-719-109-95 DIODE RD6.8ES-B
B20 *1-566-054-11 PIN B21 *1-566-054-11 PIN B22 *1-508-784-00 IP B23 *1-508-784-00 IP B24 *1-508-784-00 IP	N, CONNECTOR 2P PLUG PLUG	C147 C148 C149 C150	1-119-354-00 1-124-443-00 1-101-006-00 1-101-006-00 1-124-443-00	ELECT CERAMIC CERAMIC	330MF 100MF 0.047MF 0.047MF 100MF	20%	10V 10V 50V 50V	C41 C41 C41 C41 C41	1-12 3 1-12 1 1-12	3-379-00 3-379-00 3-330-00 4-284-00 3-381-00	ELECT ELECT	0.47MF 0.47MF 22MF 10MF 2.2MF	20% 20% 20% 20% 20%	50V 50V 16V 16V 50V	D103
CAPACIT C101 1-124-446-11 ELE	<u>TOR</u> ECT 47MF 20%	C152 C153 10V C154	1-124-443-00 1-101-006-00 1-101-006-00	ELECT CERAMIC CERAMIC	100MF 0.047MF 0.047MF	20%	10V 10V 50V 50V	C41: C41: C42:	3 1-12 9 1-12 0 1-12	23-318-00 24-463-00 24-963-11	ELECT ELECT ELECT	33MF 0.1MF 33MF	20% 20% 20%	16V 50V 16V	D108
C102 1-101-006-00 CEF C103 1-101-006-00 CEF C104 1-124-471-00 ELE C105 1-108-845-00 MYL	RAMIC 0.047MF 5	50V C155 50V C156 6.3V 50V C157 C158	1-102-074-00 1-101-006-00 1-101-006-00 1-101-006-00	CERAMIC CERAMIC	0.001MF 0.047MF 0.047MF 0.047MF		50V 50V 50V	C42 C42 C44 C44	3 1-10 0 1-12	24-477-11 02-942-00 23-356-00 24-270-11	CERAMIC ELECT	47MF 5PF 10MF 0.47MF	20% 0.5PF 20% 20%	16V 50V	D111
C106 1-102-963-00 CEF C107 1-102-963-00 CEF C108 1-102-978-00 CEF C109 1-102-038-00 CEF	RAMIC 33PF 5% ! RAMIC 220PF 5% ! RAMIC 0.001MF	50V C159 50V C160 50V C161 500V	1-101-006-00 1-102-129-00 1-102-129-00	CERAMIC CERAMIC CERAMIC	0.047MF 0.01MF 0.01MF	10% 10%	50V 50V 50V	C44 C44 C44	2 1-12 3 1-12 4 1-10	24-477-11 23-381-00 02-129-00	ELECT ELECT CERAMIC	47MF 2.2MF 0.01MF	20% 20% 10%	16V 50V 50V	D131
C110 1-102-038-00 CER C111 1-108-837-00 MYL C112 1-126-105-11 ELE C113 1-123-356-00 ELE	LAR 0.01MF 10% 5 ECT 1000MF 20%	500V C162 C163 50V C165 35V C170 16V C301	1-108-837-00 1-123-356-00 1-124-443-00 1-123-356-00 1-123-356-00	ELECT ELECT ELECT	0.01MF 10MF 100MF 10MF 10MF	20% 20% 20%	50V 16V 10V 16V 16V		5 1-12 7 1-10 01 1-12	24-478-11 23-379-00 22-973-00 23-330-00 24-963-11	ELECT CERAMIC ELECT	100MF 0.47MF 100PF 22MF	20% 20% 5% 20% 20%	25 V 50 V 50 V 16 V 16 V	D402
C114 1-124-360-00 ELE C115 1-108-837-00 MYL C116 1-124-444-00 ELE	ECT 1000MF 20% 1 LAR 0.01MF 10% ! ECT 220MF 20% 1	16V 50V C302 C303 10V C304	1-102-961-00 1-123-356-00 1-102-971-00	CERAMIC ELECT CERAMIC	27PF 10MF 82PF	5% 20% 5%	50V 16V 50V	C13 C13	03 1-12 04 1-10	23-380-00 01-006-00 06-367-00	ELECT CERAMIC	1MF 0.047MF 0.01MF	20%	50V 50V 100V	D443
C117 1-102-038-00 CER C118 1-123-360-00 ELE C119 1-123-356-00 ELE C120 1-123-356-00 ELE	ECT 100MF 20% ! ECT 10MF 20% !	500V C305 50V C306 50V 50V C307 C308	1-102-971-00 1-123-380-00 1-123-380-00	ELECT ELECT	82PF 1MF	20 % 20 %	50V 50V	C13	07 1-12 08 1-10	02-971-00 24-284-00 01-006-00	CERAMIC	82 PF 10 MF 0.047 MF	5% 20%	50V 16V 50V	D470
C121 1-123-318-00 ELE C122 1-123-356-00 ELE C123 1-101-006-00 CEF C124 1-123-380-00 ELE	ECT 10MF 20% : RAMIC 0.047MF	16V C311 16V C312 50V C316 50V	1-102-978-00 1-123-330-00 1-102-971-00 1-102-858-00	ELECT CERAMIC	220PF 22MF 82PF 10PF	20%	50V 16V 50V 50V	C13 C13	10 1-12 11 1-12	02-129-00 24-477-11 23-356-00 23-369-00	ELECT ELECT	0.01MF 47MF 10MF 4.7MF	10% 20% 20% 20%	50V 16V 16V 50V	D474
C125 1-123-380-00 ELE C126 1-123-380-00 ELE C127 1-123-380-00 ELE	ECT 1MF 20% 5 ECT 1MF 20% 5 ECT 1MF 20% 5	50V C317 C318 50V C320 C321	1-102-858-00 1-123-380-00 1-123-356-00 1-102-888-00	ELECT ELECT CERAMIC	10PF 1MF 10MF 150PF	20%	50V 16V 50V	C13 C13 C13	33 1-10 36 1-10 38 1-12	24-621-11 08-617-91 08-618-91 24-478-11	MYLAR MYLAR ELECT	3300MF 0.0018MF 0.0022MF 100MF	20% 10% 10% 20%	6.3V 100V 100V 25V	D1303 8-719-911-19 DIODE 1SS119 D1304 8-719-911-19 DIODE 1SS119 D1330 8-719-102-14 DIODE RD24E-L2
C128 1-123-380-00 ELE C129 1-101-006-00 CEF C130 1-101-006-00 CEF C131 1-123-380-00 ELE	RAMIC 0.047MF	50V C324 50V C325 50V C325 50V C327	1-101-006-00 1-102-973-00 1-123-380-00 1-102-820-00	CERAMIC PELECT	0.047MF 100PF 1MF 330PF	5% 20% 5%	50V 50V 50V	C13 C13	40 1-12 41 1-12	24-120-11 23-380-00 23-380-00 08-630-91	ELECT ELECT	220MF 1MF 1MF 0.022MF	20% 20% 20% 10%	16V 50V 50V 100V	D1331
C132 1-123-380-00 ELE C133 1-123-380-00 ELE	ECT 1MF 20% ECT 1MF 20%	50V C329 50V C330	1-102-971-00 1-102-971-00	CERAMIC	82PF 82PF	5% 5%	50V 50V	C13	43 1-13	36-165-00 02-973-00	FILM	0.022MF 0.1MF 100PF	10% 5% 5%	50V 50V	DELAY LINE
C134 1-123-380-00 ELE C135 1-123-379-00 ELE C136 1-101-006-00 CEF	ECT 20.47MF 20%	50V C331 C332 C333	1-123-356-00 1-101-006-00 1-123-356-00	CERAMIC	10MF 0.047MF 10MF	20%	16V 50V 16V	C13 C14	45 1-10 01 1-10	06-359-00 02-074-00 24-477-11	MYLAR CERAMIC	0.0047MF 0.001MF 47MF	10% 10% 20%	100V 50V 16V	DL301 1-415-280-00 DELAY LINE (1H) DL302A 1-415-530-11 DELAY LINE, Y DL302B 1-415-531-11 DELAY LINE, Y
												. 10	nga Sir Maga Maga Kabara		

The components identified by shading and mark Aare critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Asont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

22K 5% 1/4W

*1-566-054-11 PIN, CONNECTOR 2P

*1-508-766-00 4P PLUG (M)

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
	IC			0113	8-729-113-32	TRANSISTOR 2SB733	
	10			0115		TRANSISTOR DTC124ES	
IC101	8-759-105-89	IC UPD7508HCU-222		0116		TRANSISTOR 2SAl175	
	8-759-102-12			0117		TRANSISTOR 2SC2785	
		IC UPD6326C		0301		TRANSISTOR 2SC2785	
	8-759-182-43	IC UPD8243C		1			
	8-759-104-05			0302	8-729-178-54	TRANSISTOR 2SC2785	
4.50.000				0303		TRANSISTOR 2SC2785	
IC106	8-759-207-07	IC TD62381P		Q304	8-729-117-54	TRANSISTOR 2SA1175	
IC107	8-759-207-07	IC TD62381P		Q305	8-729-117-54	TRANSISTOR 2SAl175	
IC108A	18-759-108-05	IC UPC78L05A	16-218-18	Q306	8-729-178-54	TRANSISTOR 2SC2785	
IC109	8-759-171-05	IC UPC7805H					
IC110	8-759-140-66	IC UPD4066BC		Q307			
				Q308		TRANSISTOR 2SC2785	
	8-759-913-11			Q309		TRANSISTOR 2SC2785	
	8-758-480-00			Q313		TRANSISTOR 2SC2785	
IC1301A	A 8-759-171-12	IC UPC7812H		Q314	8-729-178-54	TRANSISTOR 2SC2785	
	12.00			1 0015	0 700 000 00	TRANSISTOR STOLOGE	
	JAC			0315		TRANSISTOR DTC124ES	
1001	+1 FCA FOO 11	CONNECTOR BOARD TO BOARD ER		0316		TRANSISTOR 2SC2785	
J201	*1-564-529-11	CONNECTOR, BOARD TO BOARD 5P		0317		TRANSISTOR 2SAl175	
	COL	4-155 FBS		0318		TRANSISTOR 2SC2785 TRANSISTOR 2SK108	
	<u>C01</u>	L REAL LASSES		Q322	0-729-000-12	TRANSISTUR 25K1U8	
L101	1-407-708-00	INDUCTOR 180UH		0323	0 720 600 12	TRANSISTOR 2SK108	
L102	1-407-708-00	INDUCTOR 1800H		0324		TRANSISTOR 2SC2785	
L102	1-408-618-00			0325		TRANSISTOR 2SC2785	
L103	1-408-618-00	INDUCTOR 1800H		0326		TRANSISTOR 2SC2785	
L105	1-408-618-00			0327		TRANSISTOR 2SC2785	
[103	1-400-010-00	1110001011		1 432	0 725-170-04	TRANSISTOR ESCENCE	
L106	1-408-618-00	INDUCTOR 180UH		0328	8-729-178-54	TRANSISTOR 2SC2785	
L301	1-408-412-00	INDUCTOR 18UH		0329	8-729-117-54		
L302	1-407-571-00	COIL, VARIABLE 22UH		0440 6	A.8-729-101-36	TRANSISTOR 2SC2785TP-H	
L303	1-408-412-00	INDUCTOR 18UH		Q441	8-729-117-54	TRANSISTOR 2SAl175	
L304	1-408-411-00	INDUCTOR 15UH		Q442	8-729-178-54	TRANSISTOR 2SC2785	
L306	1-408-417-00	INDUCTOR 47UH		Q443	8-729-178-54	TRANSISTOR 2SC2785	
L307	1-408-412-00			Q444	8-729-117-54		
L308	1-409-193-00			Q445	8-729-117-54	TRANSISTOR 2SA1175	
L310	1-407-695-00	INDUCTOR 15UH		Q446	8-729-178-54	TRANSISTOR 2SC2785	
L401	1-408-592-11	INDUCTOR 1.2UH		Q447	8-729-178-54	TRANSISTOR 2SC2785	
1.400	1 400 500 11	INDUCTOR 1 2000		1 0440	0 700 170 54	TRANSISTOR 2502705	
L402	1-408-592-11	INDUCTOR 1.2UH		Q448	8-729-178-54 8-729-117-54	TRANSISTOR 2SC2785	
L404	1-408-592-11 1-408-236-00	INDUCTOR 1.2UH INDUCTOR 2.7MMH		1 0450	8-729-177-54		
L1330		INDUCTOR 2.7MMH COIL, SPOOK CHOKE 3.3UH		0451	8-729-117-54		
[1331	1-407-304-00	COIL, SPOOK CHOKE 3.30H		0452	8-729-178-54	TRANSISTOR 2SC2785	
	TRA	ANSISTOR		1 4152	0 723 270 01	TIMISTON ESCENCE	
	110			0453	8-729-117-54	TRANSISTOR 2SAl175	
0101	8-729-117-54	TRANSISTOR 2SA1175		Q454	8-729-117-54	TRANSISTOR 2SA1175	
Q102		TRANSISTOR 2SA1175		Q470	8-729-117-54	TRANSISTOR 2SA1175	
Q103		TRANSISTOR 2SC2785		Q471	8-729-178-54		
Q104	8-729-178-54			Q472	8-729-178-54		
Q105	8-729-178-54	TRANSISTOR 2SC2785		1			
				Q473	8-729-178-54	TRANSISTOR 2SC2785	
Q106	8-729-117-54			Q474	8-729-178-54	TRANSISTOR 2SC2785	
Q107	8-729-178-54			Q475	8-729-178-54		
Q108	8-729-178-54			Q476	8-729-178-54		
Q109	8-729-178-54			Q1301	8-729-178-54	TRANSISTOR 2SC2785	
Q110 Z	1.8-729-101-54	TRANSISTOR 2SA1175TP-F		0100	0 700 117 -:	TRANSPORTOR CONTACT	
	0 700 117	TRANSISTOR 0041175		Q1302			
Q111	8-729-117-54			01303			
Q112	8-729-178-54	TRANSISTOR 2SC2785		U1304	8-729-178-54	TRANSISTOR 2SC2785	

The components identified by shading and mark Aare critical for safety.

Replace only with part number specified.

Ref.No.	Part No.	Description	1			Remark	Ref.No.	Part No.	Description				Remark	
	8-729-178-54 8-729-178-54 8-729-178-54 8-729-178-54 8-729-117-54	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2 SC 2785 2 SC 2785 2 SC 2785				R120 R121 R122 R123 R124	1-249-382-11 1-247-739-11 1-249-389-11 1-249-424-11 1-249-469-11	CARBON CARBON CARBON CARBON CARBON	1.2 100 4.7 3.9K 100K	5% 5% 5% 5%	1/4W 1/2W 1/4W 1/4W 1/4W	F F	
Q1330 Q1331 Q1332 Q1333 Q1334	8-729-117-54 8-729-178-54 8-729-117-54 8-729-117-54 8-729-117-54	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SC2785 2SA1175 2SA1175				R125 R126 R128 R129 R130	1-249-433-11 1-249-435-11 1-249-405-11 1-249-421-11 1-247-706-11	CARBON CARBON CARBON CARBON CARBON	22K 33K 100 2.2K 330	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		
Q1401 Q1402 Q1403 Q1404 Q1405	8-729-117-54 8-729-117-54 8-729-117-54 8-729-117-54 8-729-117-54	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2 SA1175 2 SA1175 2 SA1175			1070 0050 0050 1171 1110	R131 R132 R133 R134 R135	1-249-417-11 1-249-417-11 1-249-421-11 1-249-421-11 1-249-421-11	CARBON CARBON CARBON CARBON CARBON	1K 1K 2.2K 2.2K 2.2K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		
Q1406 Q1407 Q1408 Q1409 Q1410	8-729-117-54 8-729-117-54 8-729-117-54 8-729-117-54 8-729-117-54	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SA1175 2SA1175 2SA1175				R136 R137 R138 R140 R141	1-249-421-11 1-249-421-11 1-249-421-11 1-249-421-11 1-249-421-11	CARBON CARBON CARBON CARBON CARBON	2.2K 2.2K 2.2K 2.2K 2.2K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		
Q1411 Q1412 Q1413 Q1414 Q1415	8-729-117-54 8-729-117-54 8-729-117-54 8-729-117-54 8-729-117-54	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SA1175 2SA1175 2SA1175				R142 R143 R144 R145 R146	1-249-421-11 1-249-421-11 1-247-710-11 1-249-421-11 1-249-421-11	CARBON CARBON CARBON CARBON CARBON	2.2K 2.2K 560 2.2K 2.2K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W		
Q1416 Q1417 Q1418 Q1419 Q1420	8-729-117-54 8-729-117-54 8-729-117-54 8-729-178-54 8-729-117-54	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SA1175 2SA1175 2SC2785				R147 R148 R149 R150 R151	1-249-421-11 1-249-414-11 1-247-883-00 1-249-422-11 1-249-424-11	CARBON CARBON CARBON CARBON CARBON	2.2K 560 150K 2.7K 3.9K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		
Q1421 Q1422	8-729-600-12 8-729-178-54 RES	TRANSISTOR TRANSISTOR ISTOR					R152 R153 R154 R155	1-249-421-11 1-249-421-11 1-249-421-11 1-249-421-11	CARBON CARBON CARBON CARBON	2.2K 2.2K 2.2K 2.2K	5% 5% 5%	1/4W 1/4W 1/4W 1/4W		
R101 R102 R103 R104 R105	1-249-395-11 1-249-395-11 1-249-441-11 1-249-441-11 1-249-404-00	CARBON CARBON CARBON CARBON CARBON	15 15 100K 100K 82	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R156 R157 R158 R159 R160 R161	1-247-717-11 1-249-397-11 1-249-397-11 1-249-397-11 1-249-397-11	CARBON CARBON CARBON CARBON CARBON	2.2K 22 22 22 22 22	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W		
R106 R107 R108 R109 R110	1-249-413-11 1-249-421-11 1-249-433-11 1-249-433-11 1-249-465-11	CARBON CARBON CARBON CARBON CARBON	470 2.2K 22K 22K 47K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R161 R162 R163 R164 R165 R166	1-249-397-11 1-249-397-11 1-249-397-11 1-249-397-11 1-249-397-11 1-249-397-11	CARBON CARBON CARBON CARBON CARBON CARBON CARBON	22 22 22 22 22 22	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		
R111 R112 R113 R114 R115	1-249-437-11 1-249-427-11 1-249-421-11 1-249-421-11 1-249-425-11	CARBON CARBON CARBON CARBON CARBON	47K 6.8K 2.2K 2.2K 4.7K	5% 5% 5% 5% 5%		F2540 F2540 F2540 F140	R167 R168 R171 R172 R173	1-249-397-11 1-249-397-11 1-249-397-11 1-249-397-11 1-249-397-11	CARBON CARBON CARBON CARBON CARBON	22 22 22 22 22 22	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		
R116 R117 R118 R119	1-249-414-11 1-249-429-11 1-249-429-11 1-249-441-11	CARBON CARBON CARBON CARBON	560 10K 10K 100K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W		R176 R177 R178 R179	1-249-429-11 1-249-433-11 1-249-433-11 1-249-421-11	CARBON CARBON CARBON	10K 22K 22K 2.2K	5% 5% 5%	1/4W 1/4W 1/4W 1/4W		

Ref.No. Part No.	Description	Remark	Ref.No. Part No.	Description	Remark
R180 1-249-421-11 R181 1-249-421-11 R182 1-249-421-11 R183 1-249-433-11 R184 1-249-437-11	CARBON 2.2K 5% CARBON 2.2K 5% CARBON 22K 5%	/4W //4W //4W //4W //4W	R336 1-249-417-11 R337 1-249-417-11 R338 1-249-409-11 R339 1-249-417-11 R340 1-249-417-11	CARBON 1K 5% CARBON 1K 5% CARBON 220 5% CARBON 1K 5% CARBON 1K 5%	1/4W 1/4W 1/4W
R185 1-249-417-11 R186 1-249-417-11 R187 1-249-417-11 R188 1-249-417-11 R189 1-249-417-11	CARBON 1K 5% CARBON 1K 5% CARBON 1K 5%	1/4W 1/4W 1/4W 1/4W 1/4W	R341 1-249-441-11 R342 1-249-441-11 R343 1-249-429-11 R344 1-249-441-11 R345 1-249-419-11	CARBON 100K 5% CARBON 100K 5% CARBON 10K 5% CARBON 10K 5% CARBON 10OK 5% CARBON 1.5K 5%	1/4W 1/4W 1/4W
R190 1-249-417-11 R191 1-249-417-11 R192 1-247-717-11 R193 1-249-425-11 R194 1-249-405-11	CARBON 1K 5% CARBON 2.2K 5% CARBON 4.7K 5%	1/4W 1/4W 1/4W 1/4W 1/4W	R346	CARBON 2.7K 5% CARBON 470K 5% CARBON 3K 5% CARBON 560K 5% CARBON 680K 5%	6 1/4W 6 1/4W 6 1/4W
R195 1-249-441-11 R196 1-249-405-11 R198 1-249-433-11 R199 1-249-437-11 R301 1-249-411-11	CARBON 100 5% CARBON 22K 5% CARBON 47K 5%	1/4W 1/4W 1/4W 1/4W 1/4W	R352 1-249-405-11 R353 1-249-423-11 R354 1-249-417-11 R355 1-249-433-11 R357 1-249-416-11	CARBON 100 59 CARBON 3.3K 59 CARBON 1K 59 CARBON 22K 59 CARBON 820 59	6 1/4W 6 1/4W 6 1/4W
R302 1-249-408-11 R303 1-249-417-11 R304 1-249-414-11 R305 1-215-426-00 R306 1-249-413-11	CARBON 1K 5% CARBON 560 5% CARBON 1.6K 5%	1/4W 1/4W 1/4W 1/4W 1/4W	R358	CARBON 3.9K 59 CARBON 470 59 CARBON 1.2K 59 CARBON 1K 59 CARBON 620 59	6 1/4W 6 1/4W 6 1/4W
R307 1-249-438-11 R308 1-215-452-00 R309 1-249-417-11 R310 1-249-425-11 R311 1-249-412-11	CARBON 20K 5% CARBON 1K 5% CARBON 4.7K 5%	1/4W 1/4W 1/4W 1/4W 1/4W	R383	CARBON 2.4K 57 CARBON 1.5K 59 CARBON 27K 55 CARBON 18K 57 CARBON 470 59	6 1/4W 6 1/4W 6 1/4W
R312 1-215-456-00 R313 1-249-438-11 R314 1-249-413-11 R315 1-249-413-11 R316 1-249-413-11	CARBON 56K 5% CARBON 470 5% CARBON 470 5%	1/4W 1/4W 1/4W 1/4W 1/4W	R388	CARBON 1K 57 CARBON 820 55 CARBON 430 55 CARBON 330 55 CARBON 100 55	% 1/4W % 1/4W % 1/4W
R317 1-249-422-11 R318 1-249-415-11 R319 1-247-711-11 R320 1-249-415-11 R321 1-249-415-11	CARBON 680 5% CARBON 680 5% CARBON 680 5%	1/4W 1/4W 1/4W 1/4W 1/4W	R393	CARBON 100 5: CARBON 100 5: CARBON 100 5: CARBON 390 5: CARBON 22K 5:	% 1/4W % 1/4W % 1/4W
R322 1-249-403-11 R323 1-249-418-11 R324 1-249-409-11 R325 1-249-409-11 R326 1-249-421-11	CARBON 1.2K 5% 220 5%	1/4W 1/4W 1/4W 1/4W 1/4W	R404	CARBON 820 55 CARBON 330 55 CARBON 220 55 CARBON 220 55 CARBON 10K 55	% 1/4W % 1/4W % 1/4W
R327 1-249-415-11 R328 1-249-411-11 R329 1-249-415-11 R330 1-249-437-11 R331 1-249-433-11	CARBON 330 5% CARBON 680 5% CARBON 47K 5%	1/4W 1/4W 1/4W 1/4W 1/4W	R411	CARBON 100 5 CARBON 220 5 CARBON 220 5	% 1/4W % 1/4W % 1/4W
R333 1-249-409-11 R334 1-249-409-11 R335 1-249-417-11	CARBON 220 5%	1/4W 1/4W 1/4W	R416	CARBON 100 5	% 1/4W

Ref.No. Part No.	Description	The second		Remark	Ref.No. Part No.	Description			Remark
R420 1-247-725-11 R421 1-247-162-00 R422 1-247-725-11 R423 1-247-172-00 R424 1-249-432-11	CARBON CARBON CARBON	20K 10K 51K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W		R1302	CARBON CARBON CARBON	12K 5 120K 5 220K 5	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W	
R425 1-247-725-11 R426 1-247-704-11 R440 1-249-421-11 R441 1-249-423-11 R442 1-249-437-11	CARBON CARBON CARBON	220 2.2K 3.3K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W		R1307 1-249-433-11 R1308 1-249-429-11 R1309 1-249-433-11 R1310 1-249-433-11 R1311 1-249-417-11	CARBON CARBON CARBON CARBON	22K 10K 22K 22K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W	
R443 1-249-435-11 R444 1-215-460-00 R445 1-249-426-11 R452 1-249-441-11 R453 1-249-411-13	CARBON CARBON CARBON	43K 5.6K 100K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W		R1312 1-249-429-11 R1313 1-249-429-11 R1314 1-249-434-11 R1315 1-249-424-11 R1316 1-249-409-11		10K 5 27K 5 3.9K 5	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W	
R454 1-249-416-11 R455 1-249-409-11 R457 1-249-424-11 R459 1-249-429-11 R460 1-249-423-11	CARBON CARBON CARBON	220 3.9K 10K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W		R1317	CARBON CARBON CARBON CARBON CARBON	1.5K 330 100	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W	
R461 1-249-423-11 R470 1-249-460-11 R472 1-247-713-11 R473 1-249-417-11 R474 1-249-417-11	CARBON CARBON CARBON	15K 1K 1K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W		R1322 1-249-421-11 R1323 1-247-891-00 R1324 1-247-891-00 R1325 1-249-417-11 R13264 1-216-349-51	CARBON CARBON CARBON	330K 5 330K 5 1K 5	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1W	LIXY OF THE PROPERTY OF THE PR
R475 1-249-409-11 R476 1-249-425-11 R477 1-249-425-11 R479 1-249-435-11 R480 1-249-409-11	CARBON CARBON CARBON	4.7K 4.7K 33K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W		R1327	CARBON CARBON CARBON CARBON CARBON	47 47 33K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W	
R481 1-249-409-11 R482 1-215-438-00 R483 1-249-409-11 R484 1-249-441-11 R485 1-247-891-00	CARBON CARBON CARBON	5.1K 220 100K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W		R1332	CARBON CARBON CARBON CARBON CARBON	6.8K 2.2K 100	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W	
R486 1-249-429-11 R487 1-249-417-11 R488 1-247-887-00 R489 1-249-427-11 R490 1-249-417-11	CARBON CARBON CARBON	1K 220K 6.8K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W		R1337 1-249-429-11 R1338 1-247-710-11 R1339 1-249-413-11 R1340 1-249-409-11 R1341 1-249-411-11	CARBON	560 470 220	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W	
R491 1-249-429-11 R492 1-249-417-11 R493 1-249-405-11 R494 1-249-433-11 R495 1-249-429-11	CARBON CARBON CARBON	1K 100 22K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W		R1342	CARBON CARBON	3.9K 5	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 10% 1/2W	
R496 1-249-430-11 R497 1-215-434-00 R498 1-249-421-11 R499 1-249-429-11 R1101 1-249-441-11	CARBON CARBON CARBON	3.6K 2.2K 10K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W		R1347 1-249-422-11 R1348 1-249-409-11 R1349 1-249-423-11 R1350\(\) 1-215-471-91 R1401 1-249-423-11	CARBON CARBON METAL	220 3.3K 120K	5% 1/4W 5% 1/4W	TAGE BALA PAGE PAGE PAGE PAGE PAGE PAGE PAGE PAG
R1102 1-247-719-11 R1103 1-249-441-11 R1104 1-249-433-11 R1301 1-247-704-11	CARBON CARBON	100K 22K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W		R1402 1-249-423-11 R1403 1-249-423-11 R1404 1-249-423-11	CARBON	3.3K 5	5% 1/4W	

The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.

B2

Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description	<u>.</u>			Remark
R1405 R1406 R1407	1-249-418-11 1-249-417-11 1-249-417-11	CARBON CARBON CARBON	1.2K 1K 1K	5% 5% 5%	1/4W 1/4W 1/4W			*1-619-318-11	B2 BOARD *****				
R1408	1-249-405-11	CARBON	100	5%	1/4W		į.	CAP	ACITOR				
R1409	1-249-405-11	CARBON	100	5%	1/4W		1 0200	1 101 006 00	2504412	0.04745			FOU
R1410	1-249-405-11	CARBON	100	5%	1/4W		C309	1-101-006-00 1-123-318-00	ELECT	0.047MF 33MF		20%	50V 16V
	1-215-409-00	METAL	330	1%	1/6W		C313	1-126-101-11		100MF		20%	10V
R1412	1-249-417-11	CARBON	1K	5%	1/4W		C314	1-102-963-00	CERAMIC	33PF		5%	50V
R1413	1-214-727-00	METAL	820	1%	1/4W		C315	1-126-101-11	ELECT	100MF		20%	100
R1414	1-214-727-00	METAL	820	1%	1/4W		C322	1-102-971-00	CEDAMIC	82PF		5%	50V
R1415	1-247-838-00	CARBON	2K	5%	1/4W		C323	1-126-101-11		100MF		20%	10V
R1416	1-249-417-11	CARBON	1K	5%	1/4W								
R1417		METAL	330	1%	1/6W			DEL	AY LINE				
R1418 R1419	1-215-409-00	METAL METAL	330 330	1% 1%	1/6W 1/6W		DL 303	1-415-509-11	DELAY LINE				
K1419	1-213-409-00	METAL	330	1 /6	1/0W			1-415-509-11					
R1420	1-215-409-00	METAL	330	1%	1/6W								
R1421	1-249-418-11	CARBON	1.2K	5%	1/4W			COL	NECTOR				
R1422 R1423	1-249-429-11 1-249-423-11	CARBON	10K 3.3K	5% 5%	1/4W 1/4W		1 0201	*1-562-516-11	CONNECTOR	ROADD TO	RUVDU	50	
R1423		CARBON	39K	5%	1/4W		1 7201	-1-302-310-11	CONNECTOR,	DUARD TO	DUARD	Jr	
							İ	TRA	ANSISTOR				
R1425	1-249-432-11	CARBON	18K	5%	1/4W		0210	0 700 170 54	TRANSISTOR	2502705			
R1426 R1427	1-249-421-11 1-249-421-11	CARBON	2.2K 2.2K	5% 5%	1/4W 1/4W		Q310 Q311	8-729-178-54 8-729-117-54	TRANSISTOR TRANSISTOR				
	1-249-416-11	CARBON	820	5%	1/4W		0312	8-729-117-54	TRANSISTOR				
	1-215-421-00	METAL	1K	1%	1/6W		0319	8-729-117-54	TRANSISTOR	2SA1175			
01420	1 015 430 00	METAL	21/	1 0/	1 /611		Q320	8-729-178-54	TRANSISTOR	2SC2785			
	1-215-432-00 1-249-429-11	METAL CARBON	3K 10K	1% 5%	1/6W 1/4W		0321	8-729-178-54	TRANSISTOR	2502785			
R1432	1-249-429-11	CARBON	10K	5%	1/4W		l dari	0-729-170-34	TRANSISTOR	2302703			
R1433	1-249-441-11	CARBON	100K	5%	1/4W			RE:	SISTOR				
	VAS	RIABLE RESISTO	P				1 R361	1-249-424-11	CARRON	3.9K	5%	1/4W	
	<u> </u>	CINDLE NEGIGIO	13				R362	1-249-433-11	CARBON	22K	5%	1/4W	
	1-228-718-00						R363	1-249-421-11		2.2K	5%	1/4W	
RV401	1-228-724-00	RES, ADJ, CE RES, ADJ, CE					R364	1-249-417-11 1-249-417-11	CARBON CARBON	1 K 1 K	5% 5%	1/4W 1/4W	
RV402 RV403	1-228-724-00	RES, ADJ, CE					K303	1-249-417-11	CARDON	IV	3/6	1/4W	
	1-228-724-00	RES, ADJ, CE					R366	1-249-418-11	CARBON	1.2K	5%	1/4W	
DV472	1 220 724 00	DEC 401 CE	DAMIC	CADDON	104		R367	1-249-417-11	CARBON	1K	5%	1/4W	
	1-228-724-00	RES, ADJ, CE RES, ADJ, CE					R368	1-249-417-11 1-249-417-11	CARBON	1K 1K	5% 5%	1/4W 1/4W	
	1-228-719-00	RES, ADJ, CE					R370	1-249-421-11		2.2K	5%	1/4W	
RV1403	3 1-228-724-00	RES, ADJ, CE	RAMIC	CARBON	10K		1 2271	1 040 417 11		7.11	F = 4	1.74	
	TD	ANSFORMER					R371 R372	1-249-417-11 1-249-420-11	CARBON CARBON	1K 1.8K	5% 5%	1/4W 1/4W	
	TRA	ANSFURMER					R373	1-249-421-11		2.2K	5%	1/4W	
T301	1-425-786-00	TRANSFORMER,	BANDPA	SS (BP	T)		I R374	1-249-414-11	CARBON	560	5%	1/4W	
	CD	VETAL					R375	1-249-419-11	CARBON	1.5K	5%	1/4W	
	CR	YSTAL					R376	1-249-412-11	CARBON	390	5%	1/4W	
X101	1-567-192-11	OSCILLATOR,	CERAMI	С			R377	1-249-412-11		390	5%	1/4W	
X401		OSCILLATOR,					R378	1-249-421-11		2.2K	5%	1/4W	
							R379	1-249-435-11 1-249-431-11		33K 15K	5% 5%	1/4W 1/4W	
							K360	1-247-431-11	CARDUN	131	36	1/4W	
							i						
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Ref.No. Part No.	Description			Remark	Ref.No	. Part No.	Description			Remark
*1-619-285-11	F BOARD				T603	A.1-448-755-11	TRANSFORMER,	POWER		
CAI	PACITOR					THE	RMISTOR			
C601 ★.1-136-346-11		0.22MF	20%	125 V	THP601	↑.1-806-214-21 ↑.1-800-686-42	THERMISTOR (THERMISTOR (POSITIVE)		
C602 A. 1-136-346-11 C603 A. 1-162-578-51	CERAMIC	0.22MF 0.0047MF	20%	125 V 400 V	1	******			******	*****
C604 A. 1-162-578-51 C605 1-162-578-00	CERAMIC	0.0047MF 0.0047MF	20% 20%	400V 400V		*1-613-423-11	GA BOARD			
	ELECT(BLOCK)		20% 20%	400V 200V		CAF				
C608 1-125-295-00 C611 A .1-162-578-51	ELECT(BLOCK) CERAMIC	560MF 0.0047MF	20%	200V 400V	 C652	1-136-103-00		0.1MF	5%	200V
C612 1 -162-578-51	CERAMIC	0.0047MF	20%	400V	C654	1-136-103-00	FILM	0.1MF	5%	200V
DIO	DDE				C656 C671	1-136-131-00 1-162-578-00 1-136-120-00	CERAMIC	0.12MF 0.0047MF 0.22MF	20%	400V 400V 400V
0602 8-719-911-55	DIODE UOSG DIODE UOSG				C672	1-162-318-11		0.001MF	10%	500V
0603 ∆ .8-719-938-40	DIODE SIBO1-	02TP1	A-MIX-V		C673	1-162-318-11 1-162-318-11	CERAMIC CERAMIC	0.001MF 0.001MF	10% 10%	500V 500V
CON	NECTOR				C677 C680	1-162-318-11 1-102-030-00		0.001MF 330PF	10%	500V 500V
*1-508-765-00 *1-566-063-11	PIN, CONNECT	OR 11P			C681	1-102-030-00		330PF	10%	500V
*1-508-765-00 *1-508-765-00 *1-508-784-00	3P PLUG (M) 3P PLUG (M) 1P PLUG	mid the			1	DIO	DDE			
					D651		DIODE RM2CSS	AT AT AT AT		
F6 *1-506-371-00 F7 *1-508-765-00	3P PLUG (L)				D652 D653	8-719-918-77 8-719-302-11	DIODE V19G DIODE RM2CSS			
F8 *1-506-348-XX F9 *1-508-784-00	4P PLUG 1P PLUG				D654	8-719-918-77	DIODE V19G			
*1-506-348-XX						COM	INECTOR			
*1-508-784-00	1P PLUG				G4	*1-508-765-00	3P PLUG (M)			
FUS					İ	COI	L			
F601 A.1-532-627-11	FUSE, GLASS CLIP, FUSE;		V		L651	1-425-612-00 1-425-612-00	COIL, ARE-CO	RE		
	111				L660	1-425-612-00	COIL, ARE-CO	RE		
<u>CO</u> :	Mary 1				L661	1-425-612-00	COIL, ARE-CO			
601 1-407-780-00	COIL, SPOOK	CHOKE				TRA	NSISTOR			
	SISTOR				Q651	1. 8-729-905-49 4-374-104-01	TRANSISTOR 2 HOLDER, TR;			
R601 A.1-202-719-91		1M 10%			0000	4-374-108-01	SPACER, MICA	; 0651		
R602 A. 1-202-723-91 R603 1-244-923-00	CARBON	2.2M 10% 120K 5%	1/2W		U652	4-374-104-01	TRANSISTOR 2 HOLDER, TR;	Q652		
R604 1-244-923-00		120K 5%	1/2W			4-374-108-01				
REL					İ		SISTOR			
RL601 <u>1</u> -515-579-11	RELAY				0.051			224 5-4	201	-
TRA	ANSFORMER				R651	1-215-926-00 1-215-926-00	METAL OXIDE	33K 5% 33K 5%		F F
T601 A 1-421-730-11	LFT				R653	1-202-846-00 1-206-439-00	SOLID METAL OXIDE	470K 109 1 5%	6 1/2W 2W	F
T602 A.1-421-730-11					1 R656	1-206-439-00		1 5%	2W	F

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Ref.No. Part No.	Description			Remark	Ref.No. P	art No.	Description			Rem
R660 1-202-846-00 R662 ★.1-207-451-11	SOL ID WIREWOUND	470K 10% 0.1 10%	1/2W 1/2W		L655 1 L656 1	-407-365-00 -407-364-00 -459-406-00	COIL, CHOKE COIL, SPOOK COIL (WITH (CORE)		
TRA	ANSFORMER					-408-225-00 -407-365-00	INDUCTOR COIL, CHOKE	3.3UH		
T651 A.1-421-695-11 T652 A.1-421-710-11						-407-780-00 -407-720-00	COIL, SPOOK CHOKE COIL	CHOKE		
*******	******	******	*****	*****		RES	ISTOR			
*1-613-424-11	GB BOARD				I R657 A.1	-206-700-61	METAL OXIDE	33K 5%	2W	F
*3-701-946-22	LABEL, FUSE				R658 ♠.1 R659 ♠.1	-246-987-11 -246-987-11 -202-653-15	CARBON CARBON SOL ID	47 5% 47 5% 2.2M 5%	1/8W 1/8W 1/2W	F
CAF	PACITOR					TRA	NSFORMER			
C656 1-106-367-00 C658 1-124-125-91		0.01MF 22MF	10% 20%	100V 25V	T653 A 1	-421-894-11				
C659 1-129-710-00 C660 1-129-710-00	FILM FILM	0.0047MF 0.0047MF	10% 10%	630V 630V	i .		*****	*****	*****	****
C661 1-136-240-11	FILM	0.014MF	5%	1KV	*A	-1330-784-A	C BOARD, COM	MPLETE		
C662 A.1-125-294-11 C663 1-162-318-11 C664 1-162-318-11		560MF 0.001MF 0.001MF	20% 10% 10%	160V 500V 500V		-526-644-71	**************************************	****		
C665 ♠.1-123-338-51 C666 ♠.1-123-324-51		2200MF 1000MF	20%	25 V 16 V	4	-812-554-00 CON	WASHER NECTOR			
C667 1-162-318-11 C668 1-162-318-11 C669 1-123-877-51 C670 1-123-877-51 C682 1-101-006-00	CERAMIC ELECT ELECT	0.001MF 0.001MF 470MF 470MF 0.047MF	10% 10% 20% 20%	500 V 500 V 35 V 35 V 50 V	C2 *1 C3 *1 C5 *1	-506-371-21 -566-054-11 -566-055-11 -566-061-11 -566-054-11	2P PLUG (L) PIN, CONNEC PIN, CONNEC PIN, CONNEC PIN, CONNEC	TOR 3P TOR 9P		
C684 1-124-791-11		1MF	20%	50 v	i C7 *1	-508-768-00 -508-784-00	6P PLUG			
DIO	ODE						ACITOR			
D655 8-719-300-09 *4-347-706-00 D656 A.8-719-301-09 D657 8-719-982-04 D658 A.8-719-301-09	DIODE CTU-24S HEAT SINK (TR DIODE CTL-12S DIODE ERB81-0 DIODE CTL-12S	(); D655 ;			C702 1 C703 1 C704 1	-162-115-00 -129-779-00 -123-383-00 -123-948-00 -106-387-00	CERAMIC FILM ELECT ELECT MYLAR	330PF 0.022MF 4.7MF 22MF 0.1MF	10% 20% 20% 20% 10%	2KV 1KV 100 250 200
D659 A. 8-719-301-09 D661 8-719-982-04	DIODE CTL-12S DIODE ERB81-0				C707 1	-106-387-00 -102-116-00	MYLAR CERAMIC	0.1MF 680PF	10% 10%	200 50 V
F05 F651 ↑. 1-532-593-11		TUBE 1.6A/12	25 V		C709 1	-102-116-00 -102-116-00 -102-115-00	CERAMIC CERAMIC CERAMIC	680PF 680PF 560PF	10% 10% 10%	50 v 50 v 50 v
	NNECTOR				 C711 1	-123-356-00	ELECT	10MF	20%	25 V
G5 *1-508-765-00					C712 1	-102-115-00 -102-116-00 -123-321-00	CERAMIC CERAMIC	560PF 680PF 220MF	10% 10% 20%	50 v 50 v 16 v
MOI	DULE					-102-125-00	CERAMIC	0.0047MF	10%	50V
IC651A.1-235-445-11	MODULE, POWER				C723 1	-102-125-00 -108-634-81	CERAMIC MYLAR	0.0047MF 0.047MF	10%	50 V
	COIL, SPOOK C	CHOKE			1 C754 1	-102-971-00 -108-617-91 1-123-356-00	CERAMIC MYLAR ELECT	82PF 0.0018MF 10MF	5% 10% 20%	50\ 100 25\

The components identified by shading and mark A are critical for safety. Replace only with part number specified.

PVM-2530 RM-739



Ref.No.	Part No.	Description			Remark	Ref.No.	Part No.	Description				Re	emark
C756 C757 C758 C759	1-106-367-00 1-106-367-00 1-102-963-00 1-102-963-00	MYLAR MYLAR CERAMIC CERAMIC	0.01MF 0.01MF 33PF 33PF	10% 10% 5% 5%	100v 100v 50v 50v	Q751 Q752 Q753 Q754	8-729-178-54 8-729-178-54 8-729-178-54 8-729-177-43	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	SC2785 SC2785 SD774				
C760	1-108-614-91	MYLAR	0.001MF	10%	100V	Q755 	8-729-178-54	TRANSISTOR 2	SC2785				
C762 C763 C764	1-106-367-00 1-123-356-00 1-106-220-00	MYLAR ELECT MYLAR	0.01MF 10MF 0.1MF	10% 20% 10%	100V 50V 100V	Q756 Q757 ▲	8-729-374-02 8-729-177-42	TRANSISTOR 2					
C765 C766	1-123-380-00 1-124-122-11	ELECT ELECT	1MF 100MF	20%	50V 50V	İ	RES	ISTOR					
	010		30799 19	001-00-0	Oli base	R701 ⚠ R702	1-212-352-61	METAL OXIDE SOLID	0.22 470K	5% 10%	1W 1/2W	F	
	<u>510</u>	<u> </u>				R703	1-202-844-00	SOL ID		10%	1/2W		
D701 D702 D703	8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119				R704 R705	1-202-815-11 1-202-846-00	SOL ID	47K 470K	10%	1/2W 1/2W		
D 704	8-719-911-19	DIODE 1SS119				R706	1-202-720-00	SOL ID	1.2M	10%	1/2W		
D705	8-719-911-19	DIODE 1SS119				I R707	1-202-842-11	SOL ID		10%	1/2W		
5.030						R708	1-202-818-00	SOL ID	1K	10%	1/2W		
D706	8-719-911-19	DIODE 1SS119				I R709	1-202-818-00	SOL ID	1K	10%	1/2W		
D707 D708	8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119				R710	1-202-818-00	SOLID	1K	10%	1/2W		
D709	8-719-911-19	DIODE 1SS119				R711	1-202-549-00	SOL ID	100	10%	1/2W		
D710	8-719-901-83	DIODE 1SS83				R712	1-202-543-00	SOL ID	56	10%	1/2W		
						R713	1-216-486-00	METAL OXIDE	8.2K	5%	3W	F	
D711	8-719-901-83	DIODE 1SS83				R714	1-249-409-11	CARBON	220	5%	1/4W		
D712	8-719-901-83	DIODE 1SS83				R715	1-249-429-11	CARBON	10K	5%	1/4W		
D713	8-719-901-83	DIODE 1SS83				1		1.200.000.200.1					
D751	8-719-911-19	DIODE 1SS119				R716	1-216-486-00	METAL OXIDE	8.2K	5%	3W	F	
D752	8-719-911-19	DIODE 1SS119				I R717	1-249-409-11	CARBON	220	5%	1/4W		
						R720	1-216-486-00	METAL OXIDE	8.2K	5%	3W	F	
	COI	L re morning				I R721	1-249-409-11	CARBON	220	5%	1/4W		
						R722	1-249-405-11	CARBON	100	5%	1/4W		
L701	1-407-701-00	INDUCTOR	47UH			1							
L702	1-407-708-00	INDUCTOR	180UH			I R723	1-247-700-11	CARBON	100	5%	1/4W		
L703	1-407-706-00	INDUCTOR	120UH			R724	1-249-405-11	CARBON	100	5%	1/4W		
L704	1-407-694-00	INDUCTOR	12UH			R725	1-249-429-11	CARBON	10K	5%	1/4W		
L705	1-407-696-00	INDUCTOR	18UH			I R726	1-249-408-11	CARBON	180	5%	1/4W		
						R727	1-249-429-11	CARBON	10K	5%	1/4W		
L706	1-407-709-00	INDUCTOR	220UH			1							
L707	1-407-695-00	INDUCTOR	15UH			R728	1-249-408-11	CARBON	180	5%	1/4W		
L721	1-408-413-00	INDUCTOR	22UH			R729	1-249-441-11	CARBON	100K	5%	1/4W		
L751	1-408-399-00	INDUCTOR	1.5UH			R730	1-215-402-00	CARBON	160	5%	1/4W		
						R731	1-247-719-11	CARBON	3.3K	5%	1/4W	F	
	TRA	NSISTOR				R732	1-247-719-11	CARBON	3.3K	5%	1/4W	F	
12.0													
Q701	8-729-326-11	TRANSISTOR 2				R733	1-247-719-11	CARBON	3.3K	5%	1/4W	F	
Q702	8-729-178-54	TRANSISTOR 2				R734	1-247-715-11	CARBON	1.5K	5%	1/4W		
Q703	8-729-200-17	TRANSISTOR 2				R735	1-246-476-00	CARBON	1.3K	5%	1/4W		
Q704	8-729-326-11	TRANSISTOR 2				R736	1-246-476-00	CARBON	1.3K	5%	1/4W		
Q705	8-729-178-54	TRANSISTOR 2	SC2785			R737	1-249-441-11	CARBON	100K	5%	1/4W		
Q706	8-729-200-17	TRANSISTOR 2	SA1091			R739	1-247-881-00	CARBON	120K	5%	1/4W		
Q707	8-729-200-17	TRANSISTOR 2					1-215-902-51	METAL OXIDE	47K	5%	2W	F	(8.3)
Q708	8-729-326-11	TRANSISTOR 2				R741	1-249-438-11	CARBON	56K	5%	1/4W		
Q709	8-729-178-54	TRANSISTOR 2				R742	1-247-725-11	CARBON	10K	5%	1/4W	F	
Q710	8-729-255-12	TRANSISTOR 2				R743	1-247-725-11	CARBON	10K	5%	1/4W	F	
Q712	8-729-255-12	TRANSISTOR 2	SC2551			1 R744	1-247-725-11	CARBON	10K	5%	1/4W	F	
Q714	8-729-200-17	TRANSISTOR 2				Secretary of the second second	1-247-713-51	CARBON	1 K	5%	1/4W	F	
0715	8-729-200-17	TRANSISTOR 2					1-215-879-51	METAL OXIDE	47K	500	14	F	
Q716	8-729-200-17	TRANSISTOR 2				1 R747	1-247-725-11	CARBON	10K	5%	1/4W		
4.10			5.12032			1 157 17		J/IIIDUII	2010	0 /0	*/ 111		

The components identified by shading and mark A are critical for safety. Replace only with part number specified.





0-6-11-11-11-11-11-11-11-11-11-11-11-11-1	Description		Demonstr	ID-6 N-	Devel Me	0			
Ref.No. Part No.	Description		Remark	Ket.No.	Part No.	Description			Remark
R751 1-247-704-11 R752 1-249-409-11 R753 1-249-418-11 R754 1-249-412-11 R755 1-215-871-51	CARBON 220 CARBON 220 CARBON 1.2K CARBON 390 METAL OXIDE 2.2K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1W	F	C2522 C2523 C2524	1-130-495-00 1-123-332-00 1-108-637-00 1-106-222-00 1-123-379-00	MYLAR ELECT MYLAR MYLAR ELECT	0.1MF 47MF 0.082MF 0.12MF 0.47MF	10% 20% 10% 10% 20%	50V 25V 100V 100V 50V
R756 1-249-414-11 R757 1-249-426-11 R758 1-249-435-11 R759 1-249-393-11 R760 1-249-411-11	CARBON 560 CARBON 5.6K CARBON 33K CARBON 10 CARBON 330	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W	F	C2527 C2530 C2532	1-108-634-81 1-108-614-91 1-106-224-00 1-106-367-00 1-108-630-91	MYLAR MYLAR MYLAR MYLAR MYLAR	0.047MF 0.001MF 0.15MF 0.01MF 0.022MF	10% 10% 10% 10%	100V 100V 100V 100V 100V
R761 1-249-409-11 R762 1-249-409-11 R763 1-249-437-11 R764 1-249-397-11 R765 1-249-417-11	CARBON 220 CARBON 220 CARBON 47K CARBON 22 CARBON 1K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W	F	C2536 C2537 C2538	1-123-379-00 1-123-332-00 1-123-369-00	ELECT ELECT ELECT NECTOR	0.47MF 47MF 4.7MF	20% 20% 20%	50V 25V 50V
R766 1-249-435-11 R767 1-249-441-11 R768 1-249-435-11 R769 1-249-417-11 R770 1-249-389-11	CARBON 33K CARBON 100K CARBON 33K CARBON 1K CARBON 4.7	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W	F		*1-566-058-11 *1-508-767-00 *1-508-766-00 *1-508-765-00 *1-508-784-00	PIN, CONNECT 5P PLUG 4P PLUG (M) 3P PLUG (M) 1P PLUG	FOR 6P		
R771 1-249-389-11 R772 1-249-402-11	CARBON 4.7 CARBON 56	5% 1/4W 5% 1/4W	F	D26	*1-566-054-11		TOR 2P		
VAF	RIABLE RESISTOR			1	DIC				
RV705 1-228-727-00	RES, ADJ, CERAMIC C	ARBON 220K ARBON 47K		D2501 D2502 D2503 D2504 D2505	8-719-911-19 8-719-200-02 8-719-200-02 8-719-911-19 8-719-911-19	DIODE 10E2 DIODE 10E2 DIODE 1SS119)		
******	******	******	******	1 0000	8-719-200-02				
*A-1340-936-A	D2 BOARD, COMPLETE			02507	8-719-110-51 COI		S-B		
CAI	PACITOR			 L2501	1-407-877-00	INDUCTOR	15MMH		
C2501 1-108-618-91 C2502 1-108-632-81 C2503 1-108-620-91 C2504 1-102-074-00 C2505 1-106-367-00	MYLAR 0.0022 MYLAR 0.033M MYLAR 0.0033 CERAMIC 0.001M	F 10% MF 10% IF 10%	100V 100V 100V 50V 100V	L2502 L2503 L2504 L2505	1-459-119-00 1-407-504-00 1-459-583-11 1-443-012-00 1-459-123-00	COIL, DUST INDUCTOR COIL (WITH TRANSFORMER	CORE(ARC) 10MMH CORE) , DYNAMIC	CONVERSIO	N
C2506 1-108-620-91	MYLAR 0.0033		100V	1	TRA	ANSISTOR			
C2507 1-106-367-00 C2508 1-123-379-00 C2509 1-123-356-00 C2510 1-123-356-00 C2511 1-123-359-00			100V 50V 50V 50V	Q2502 Q2503 Q2504	8-729-178-54 8-729-178-54 8-729-178-54 8-729-178-54 8-729-178-54	TRANSISTOR (TRANSISTOR SC 2785 2 SC 2785 2 SC 2785			
C2512 1-123-359-00 C2513 1-123-357-00 C2514 1-123-361-00 C2515 1-123-333-00 C2516 1-123-360-00	ELECT 47MF ELECT 22MF ELECT 220MF ELECT 100MF	20% 20% 20% 20%	50V 50V 50V 25V	 Q2506 Q2507 Q2510 Q25112	8-729-173-34 8-729-122-02 8-729-169-02 8-729-195-82 \$ 8-729-101-54 8-729-122-02	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2 SA1220A 2 SC2690A 2 SC2958 2 SA1175TP-	·Francisco	te conseque
C2516 1-123-360-00 C2517 1-129-701-00 C2518 1-102-231-11 C2520 1-123-380-00	FILM 0.01MF CERAMIC 47PF		50V 100V 500V 50V	Q2515	8-729-122-02 8-729-117-54 8-729-178-54		2SA1175		

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PVM-2530 RM-739



Ref.No.	Part No.	Description			Remark	Ref.No. Part No.	Description	Rem
	RFS	SISTOR				R2560 1-249-430-11	CARBON 12K 5%	1/4W
						R2561 1-249-429-11	CARBON 10K 5%	1/4W
R2501	1-249-435-11	CARBON	33K	5% 1/4		R2562 1-247-704-11	CARBON 220 5%	1/4W
R2502	1-249-429-11	CARBON	10K	5% 1/4		R2563 1-249-425-11	CARBON 4.7K 5%	1/4W
R2503	1-249-435-11	CARBON	33K	5% 1/4		R2564 1-249-437-11	CARBON 47K 5%	1/4W
R2504	1-249-429-11	CARBON	10K	5% 1/4			Average and a second	***
R2505	1-249-420-11	CARBON	1.8K	5% 1/4	W	R2565 1-249-441-11	CARBON 100K 5%	1/4W
						R2566 1-249-409-11	CARBON 220 5%	1/4W
R2506	1-249-429-11	CARBON	10K	5% 1/4		R2567 1-249-421-11	CARBON 2.2K 5%	1/4W
R2507	1-249-437-11	CARBON	47K	5% 1/4		1 8151 10		
R2508	1-249-437-11	CARBON	47K	5% 1/4		VAR	IABLE RESISTOR	
R2509	1-249-418-11	CARBON	1.2K	5% 1/4				
R2510	1-249-438-11	CARBON	56K	5% 1/4	W	RV2501 1-228-727-00	RES, ADJ, CERAMIC CARBON	
				Order I To		RV2502 1-228-727-00	RES, ADJ, CERAMIC CARBON	47K
R2511	1-249-439-11	CARBON	68K	5% 1/4	W	RV2503 1-228-727-00	RES, ADJ, CERAMIC CARBON	47K
R2512	1-249-429-11	CARBON	10K	5% 1/4	W	RV2504 1-228-724-00	RES, ADJ, CERAMIC CARBON	10K
R2513	1-249-417-11	CARBON	1K	5% 1/4	W	RV2505 1-228-724-00	RES, ADJ, CERAMIC CARBON	10K
R2514A	1-246-449-75	CARBON	100	5% 1/4	W			
R2515	1-249-439-11	CARBON	68K	5% 1/4	W	TRA	NSFORMER	
R2516	1-249-425-11	CARBON	4.7K	5% 1/4	W	T2501 1-407-849-00	TRANSFORMER, D.F	
R2517	1-249-439-11	CARBON	68K	5% 1/4			,	
R2518	1-249-439-11	CARBON	68K	5% 1/4		***********	*******	*****
R2519	1-249-437-11	CARBON	47K	5% 1/4				
R2520	1-249-421-11	CARBON	2.2K	5% 1/4		*A-1345-688-A	D BOARD, COMPLETE	
R2521	1-249-439-11	CARBON	68K	5% 1/4	W	201	******	
R2522	1-249-430-11	CARBON	12K	5% 1/4		CAD	ACITOR	
R2523	1-249-423-11	CARBON	3.3K	5% 1/4		CAP	NOTION	
R2524	1-249-426-11	CARBON	5.6K	5% 1/4		C501 1-123-380-00	ELECT 1MF	20% 50V
R2525	1-249-426-11	CARBON	5.6K	5% 1/4		C501	MYLAR 0.0047MF	10% 100V
IVEDED	1-643-460-11	CARDON	3.01	J/4		C502	MYLAR 0.0047MF	
R2526	1-249-423-11	CARBON	3.3K	5% 1/4	W	C503		
R2527	1-249-433-11	CARBON	22K	5% 1/4		C504 1-123-323-00 C505 1-123-379-00		20% 16V 20% 50V
R2528	1-249-425-11		4.7K	5% 1/4		1-123-3/9-00	ELECT 0.47MF	20% 5UV
R2528	1-249-425-11	CARBON				1 0506 1 122 219 00	ELECT 33ME	20% 164
		CARBON	22K	1.0		C506 1-123-318-00	ELECT 33MF	20% 16V
R2530	1-249-423-11	CARBON	3.3K	5% 1/4	M	C507	ELECT 0.47MF	20% 50V
D2E 21	1 240 401 11	CADDON	17	Eo/ 1/A	u E	C508 1-136-173-00	FILM 0.47MF	5% 50V
R2531	1-249-401-11	CARBON	47	5% 1/4		C509 1-123-357-00	ELECT 22MF	20% 50V
The second second	1-249-401-11	CARBON	47	5% 1/4		C512 1-136-161-00	FILM 0.047MF	5% 50V
	1 249 399 51	CARBON	33	5% 1/4		1 0514 1 104 500 11	ELECT AZONE	10% 50
R2534	1-249-429-11	CARBON	10K	5% 1/4		C514 1-124-609-11	ELECT 470MF	10% 50V
R2540	1-249-434-11	CARBON	27K	5% 1/4	W	C515	ELECT 22MF	10% 50V
D 0 F 4 1	1 247 002 00	CARRON	1504	Co/ 1/2		C516 1-123-336-00	ELECT 470MF	20% 25 V
	1-247-883-00	CARBON	150K	5% 1/4	and the same of the same	C520 1-102-244-00	CERAMIC 220PF	10% 500V
	1-216-426-51	METAL OXIDE	82	5% 1W	F	C521 A.1-123-364-51	ELECT 1000MF	20% 50V
	1-216-421-11	METAL OXIDE	12	5% 1W	F	oros A 1 155 555	11 - 12 - 13 - 13 - 13 - 13 - 13 - 13 -	2011
in the second second	1-215-884-51	METAL OXIDE	47	5% 2W	F	C522 ▲ 1-123-875-91	ELECT 10MF	20% 50V
R2545	1-249-421-11	CARBON	2.2K	5% 1/4	W	C523 1-106-387-00	MYLAR 0.1MF	10% 2001
					1 11/14	C524 1-106-381-12	MYLAR 0.039MF	10% 2001
R2546	1-247-706-11	CARBON	330	5% 1/4		C525 1-102-244-00	CERAMIC 220PF	10% 500 V
R2547	1-249-435-11	CARBON	33K	5% 1/4		C526 1-124-342-00	ELECT 3.3MF	20% 160
R2548	1-249-439-11	CARBON	68K	5% 1/4				
	1-247-895-00	CARBON	470K	5% 1/4		C527 1-108-694-81	MYLAR 0.015MF	10% 2001
R2550	1-249-429-11	CARBON	10K	5% 1/4	W	C528	CERAMIC 0.001MF	10% 500\
						C529 1-123-356-00	ELECT 10MF	20% 50V
R2554	1-247-895-00	CARBON	470K	5% 1/4	W	C530 1-123-356-00	ELECT 10MF	20% 50V
R2555	1-249-424-11	CARBON	3.9K	5% 1/4	W	C531 1-123-379-00	ELECT 0.47MF	20% 50V
R2556	1-249-425-11	CARBON	4.7K					
R2557	1-249-429-11	CARBON	10K	5% 1/4		C535 1-123-381-00	ELECT 2.2MF	20% 50V
R2558	1-249-425-11	CARBON	4.7K	5% 1/4		C536 1-123-381-00	ELECT 2.2MF	20% 50V
						C537 1-136-173-00	FILM 0.47MF	5% 50V

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Ref.No.	Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
C539 C540 C541 C542 C543	1-123-380-00 1-123-369-00 1-123-369-00 1-123-381-00 1-123-330-00	ELECT ELECT ELECT ELECT ELECT	1MF 4.7MF 4.7MF 2.2MF 22MF	20% 20% 20% 20% 20%	50V 25V 25V 50V 16V	C1550 C1551 C1552	1-102-129-00 1-102-973-00 1-102-030-00 1-106-367-00 1-123-379-00	CERAMIC CERAMIC CERAMIC MYLAR ELECT	0.01MF 100PF 330PF 0.01MF 0.47MF	10% 5% 10% 10% 20%	50V 50V 500V 100V 50V
C544 C545 C546 C547 C548	1-123-369-00 1-123-330-00 1-123-381-00 1-123-333-00 1-123-321-00	ELECT ELECT ELECT ELECT ELECT	4.7MF 22MF 2.2MF 100MF 220MF	20% 20% 20% 20% 20%	50V 25V 50V 25V 16V	C1557	1-106-367-00 1-102-110-00 1-123-333-00 1-108-622-91 1-123-330-00	MYLAR CERAMIC ELECT MYLAR ELECT	0.01MF 220PF 100MF 0.0047MF 22MF	10% 10% 20% 10% 20%	100V 50V 25V 100V 16V
C551 C552 C555 C556 C557	1-123-357-00 1-123-356-00 1-123-379-00 1-136-173-00 1-124-464-11	ELECT ELECT ELECT FILM ELECT	22MF 10MF 0.47MF 0.47MF 0.22MF	20% 20% 20% 5% 20%	50V 50V 50V 50V 50V	C1560 C1565 C1566	1-123-379-00 1-123-379-00 1-106-220-00 1-162-115-51 1-162-134-51	ELECT ELECT MYLAR CERAMIC CERAMIC	0.47MF 0.47MF 0.1MF 330PF 470PF	20% 20% 10% 10%	50V 50V 100V 2KV 2KV
C1501 C1502 C1503 C1504 C1505	1-108-634-81 1-106-220-00 1-106-371-00 1-123-330-00 1-108-630-91	ELECT	0.047MF 0.1MF 0.015MF 22MF 0.022MF	10% 10% 10% 20% 10%	100V 100V 100V 16V 100V	C1569A C1570 C1571	1-130-706-11 1-129-747-11 1-129-751-00 1-102-030-00 1-123-321-00	FILM FILM FILM CERAMIC ELECT	0.008MF 0.047MF 0.1MF 330PF 220MF	3% 10% 20% 10% 20%	1.6KV 400V 400V 500V 16V
C1506 C1507 C1508 C1509 C1510	1-123-381-00 1-123-332-00 1-130-868-00 1-123-369-00 1-102-820-00	ELECT ELECT FILM ELECT CERAMIC	2.2MF 47MF 0.0056MF 4.7MF 330PF	20% 20% 5% 20% 5%	50V 25V 50V 25V 50V	C1579	1-123-332-00 1-123-318-00 1-108-630-91 1-106-220-00 1-123-357-00	ELECT ELECT MYLAR MYLAR ELECT	47MF 33MF 0.022MF 0.1MF 22MF	20% 20% 10% 10% 20%	25 V 16 V 100 V 100 V 50 V
C1511 C1512 C1513 C1514 C1520	1-123-321-00 1-123-379-00 1-108-634-81 1-123-369-00 1-102-125-00	ELECT ELECT MYLAR ELECT CERAMIC	220MF 0.47MF 0.047MF 4.7MF 0.0047MF	20% 20% 10% 20% 10%	16 V 50 V 100 V 50 V 50 V	C1586 C1587 C1591 C1592	1-108-621-91 1-131-351-00 1-124-657-00 1-106-367-00	MYLAR TANTALUM ELECT MYLAR	0.0039MF 4.7MF 10MF 0.01MF	10% 10% 20% 10%	100V 35V 50V 200V
						1	CON	INECTOR			
C1523 C1524	1-108-631-81 1-123-333-00 1-102-978-00 1-108-704-61 1-162-117-00 1-102-157-00	CERAMIC MYLAR	0.027MF 100MF 220PF 0.1MF 100PF	10% 20% 5% 10% 10%	100V 25V 50V 200V 500V	D2	*1-508-766-00 *1-566-054-11 *1-566-054-11 *1-508-765-00 *1-506-348-XX	4P PLUG (M) PIN, CONNEC PIN, CONNEC 3P PLUG (M) 4P PLUG			
C1527 C1528 C1529 C1530	1-102-038-00 1-108-698-61 1-102-820-00 1-123-361-00	CERAMIC MYLAR CERAMIC ELECT	0.001MF 0.033MF 330PF 220MF	10% 5% 20%	500V 200V 50V 50V	D6 D7 D8 D9 D10	*1-508-767-00 *1-566-056-11 *1-508-765-00 *1-508-765-00 *1-508-768-00	5P PLUG PIN, CONNEC 3P PLUG (M) 3P PLUG (M) 6P PLUG	TOR 4P		
C1532 C15334 C15344	\lambda 1-125-294-11 1-124-006-11 \lambda 1-162-115-51 \lambda 1-136-330-11 1-129-953-00	ELECT CERAMIC FILM	330PF 0.014MF 0.068MF	20% 20% 10% 3% 20%	160V 25V 2KV 1.6KV 1.5KV	D11 D12 D15	*1-508-768-00 *1-566-055-11 *1-566-058-11	6P PLUG PIN, CONNEC PIN, CONNEC			
C1536	1-123-333-00	FLECT	100MF	20%	16V		010	ODE			
C1537 C15394 C15402 C1541	1-123-333-00 1-102-228-11 1-162-115-51 1-108-614-91	ELECT CERAMIC CERAMIC	100MF 470PF 330PF 0.001MF	20% 10% 10% 10%	16V 500V 2KV 100V	D501 D502 D503 D504 D506	8-719-815-55 8-719-200-02 8-719-300-76 8-719-300-76 8-719-200-02	DIODE 1S155 DIODE 10E2 DIODE RH1A DIODE RH1A DIODE 10E2	5		
C1543	1-136-179-00 1-102-820-00 1-136-328-11	CERAMIC	1.5MF 330PF 1MF	5% 5% 5%	200V 50V 400V	D508	8-719-110-34 8-719-109-88				

T.C. Corp 10 North Main St Wharton NJ 07885 www.servicemanuals.net The components identified by shading and mark A are critical for safety.

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Ref.No. Part No.	Description	Remark	Ref.No. Part No.	Description	Remark
D515 8-719-000-12 D516 8-719-000-12 D517 8-719-110-60	DIODE RD15ES-B DIODE MC931 DIODE MC931 DIODE RD24ES-B DIODE RD24E-BZ7		L1512A 1-459-308-32 L1512A 1-421-329-00 L1513 1-407-365-00	COIL, CHOKE	NEARITY
0320 8-719-130-00	DIODE ROZAE-BZI		INE!	ON LAMP	
D522 8-719-120-78 D1502 8-719-815-55	DIODE 1S1555 DIODE RD6.2ES-L3 DIODE 1S1555 DIODE RD15ES-B DIODE 1S1555		Q501 8-729-178-54	ANSISTOR TRANSISTOR 2SC2785	
	DIODE RH1A DIODE RH1A DIODE RH1A		Q502	TRANSISTOR 2SAll75 TRANSISTOR 2SAll75	
D1515A8-719-938-40 D1516 8-719-903-09 D1517AA8-719-906-15	DIODE V30N DIODE ERC26-15S		Q510	TRANSISTOR 2SC2958 TRANSISTOR 2SA1220A- TRANSISTOR 2SC2690A-	-Q -Q
D15178A 8-719-906-15 D1518AA 8-719-302-98 D1518BA 8-719-302-98 D1525 8-719-815-55 D1527 8-719-300-76	DIODE RG4C DIODE 1S1555		Q516	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785	
D1528 8-719-926-16 D1529 8-719-300-76	DIODE ERC26-15SA DIODE RH1A		Q522	TRANSISTOR 2SA1175 TRANSISTOR 2SA1175	
01530 8-719-300-76 01531 8-719-300-38 01535 8-719-110-60 01536 8-719-102-65	DIODE GU-3A DIODE RD24ES-B DIODE RD4.7E-N2		Q1503 8-729-203-81 Q1504 <u>↑</u> 8-729-301-74	TRANSISTOR 2SD1497-0	04
D1537 8-719-102-74 D1538 8-719-815-55 D1540 8-719-102-71 IC	DIODE RD6.2E-N2 DIODE 1S1555 DIODE RD5.6E-N2		4-374-410-01 *4-374-413-01 Q1505 8-729-177-43 Q1506 8-729-374-02 Q1507 8-726-420-00	TRANSISTOR 2SD774 TRANSISTOR 2SB740	1504
IC501A 8-759-178-12 IC503 8-759-178-12 IC504 8-759-700-08 IC1501 8-759-100-60 IC1502 8-759-700-08	IC UPC78L12 IC UPC78L12 IC NJM4558S IC UPC1377C IC NJM4558S		3-703-320-00 4-303-844-00 *4-309-762-00 01508\(\) 8-729-301-74 4-374-410-01	SPACER, MICA (4) MD- RETAINER (MD-17), TE TRANSISTOR 2SD1497-0	-17; Q1507 RANSISTOR; Q1507
IC1503 8-759-700-08			Q1511 8-729-374-02	TRANSISTOR 2SA1175 TRANSISTOR 2SC2785	.508
1501 1-459-060-00 11501 1-407-364-00 11502 1-459-215-00 11503 1-407-365-00 11504 1-407-365-00	COIL, DYNAMIC CONVERSION COIL, SPOOK CHOKE 3.3UH CORE COIL COIL, CHOKE COIL, CHOKE	CHOKE	Q1514 8-729-178-54 Q1515 8-729-178-54 Q1520 8-729-168-82 4-377-115-01 *4-381-170-01	TRANSISTOR 2SC2785	
L1505 1-407-365-00 L1506 1-459-104-00 L1508 1-421-390-11 L1510 1-407-365-00 L1511 1-407-365-00	COIL, CHOKE COIL, DUST CORE COIL, FERRITE (PMC) COIL, CHOKE COIL, CHOKE		RES R501		5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W

The components identified by shading and mark Aare critical for safety.

Replace only with part number specified.



ef.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
8505	1-249-421-11	CARBON	2.2K	5%	1/4W		R567	1-249-429-11	CARBON	10K	5%	1/4W	
8506	1-249-435-11	CARBON	33K	5%	1/4W		R568	1-247-725-11	CARBON	10K	5%	1/4W	
2507	1-249-424-11	CARBON	3.9K	5%	1/4W		R569	1-249-469-11	CARBON	100K	5%	1/4W	
1508	1-247-726-11	CARBON	33K	5%	1/4W		R570	1-247-725-11	CARBON	10K	5%	1/4W	
509	1-249-428-11	CARBON	8.2K	5%	1/4W		R571	1-249-417-11	CARBON	1K	5%	1/4W	
510	1-249-431-11	CARBON	15K	5%	1/4W		R572	1-247-725-11	CARBON	10K	5%	1/4W	
511	1-249-432-11	CARBON	18K	5%	1/4W		R573	1-249-465-11	CARBON	47K	5%	1/4W	
512	1-247-158-00	CARBON	13K	5%	1/4W		R574	1-247-885-00	CARBON	180K	5%	1/4W	
513	1-249-430-11	CARBON	12K	5%	1/4W		R575	1-249-433-11	CARBON	22K	5%	1/4W	
514	1-249-438-11	CARBON	56K	5%	1/4W		R576	1-249-441-11	CARBON	100K	5%	1/4W	
515	1-249-468-11	CARBON	82K	5%	1/4W		R577	1-247-885-00	CARBON	180K	5%	1/4W	
516	1-247-713-11	CARBON	1K	5%	1/4W		R578	1-249-441-11	CARBON	100K	5%	1/4W	
517	1-249-420-11	CARBON	1.8K	5%	1/4W		R579	1-249-424-11	CARBON	3.9K	5%	1/4W	
18	1-247-721-11	CARBON	4.7K	5%	1/4W		R580	1-249-423-11	CARBON	3.3K	5%	1/4W	
19	1-247-715-11	CARBON	1.5K	5%	1/4W		R581	1-247-723-11	CARBON	6.8K	5%	1/4W	
20	1-249-429-11	CARBON	10K	5%	1/4W		R582	1-249-441-11	CARBON	100K	5%	1/4W	
21	1-249-434-11	CARBON	27K	5%	1/4W		R583	1-249-429-11	CARBON	10K	5%	1/4W	
22	1-249-438-11	CARBON	56K	5%	1/4W		R584	1-249-438-11	CARBON	56K	5%	1/4W	
23	1-214-765-00	METAL	33K	1%	1/4W	-	R585	1-249-435-11	CARBON	33K	5%	1/4W	
25	1-216-353-00	METAL OXIDE	2.2	5%	1W	F	R586	1-247-720-11	CARBON	3.9K	5%	1/4W	
26	1-249-423-11	CARBON	3.3K	5%	1/4W		R587	1-249-424-11	CARBON	3.9K	5%	1/4W	
27	1-249-420-11	CARBON	1.8K	5%	1/4W		R588	1-249-441-11	CARBON	100K	5%	1/4W	
28	1-249-412-11	CARBON	390	5%	1/4W		R589	1-249-421-11	CARBON	2.2K	5%	1/4W	
29	1-249-414-11	CARBON	560	5%	1/4W		R590	1-249-409-11	CARBON	220	5%	1/4W	
30	1-249-410-11	CARBON	270	5%	1/4W		R591	1-249-409-11	CARBON	220	5%	1/4W	
31	1-249-417-11	CARBON	1K	5%	1/4W		R593 Æ	1-206-753-61	METAL OXIDE	15K	5%	3W	F
32	1-249-438-11	CARBON	56K	5%	1/4W		R594	1-249-460-11	CARBON	15K	5%	1/4W	
33	1-249-435-11	CARBON	33K	5%	1/4W		R595	1-249-431-11	CARBON	15K	5%	1/4W	
34	1-249-423-11	CARBON	3.3K	5%	1/4W		R596	1-246-488-00	CARBON	4.3K	5%	1/4W	
35	1-247-719-11	CARBON	3.3K	5%	1/4W		R597 A	<u>.</u>	METAL			1/4W	
36 ₺	1-249-393-51	CARBON	10	5%	1/4W	F	R598	1-214-749-00	METAL	6.8K	1%	1/4W	
537 A	1-249-399-51	CARBON	33	5%	1/4W	F	R599	1-214-741-00	METAL	3.3K	1%	1/4W	
538	1-215-869-11	METAL OXIDE	1K	5%	1W	F	R1501	1-249-411-11	CARBON	330	5%	1/4W	
39	1-216-350-11	METAL OXIDE	1.2	5%	1W	F	R1502	1-249-422-11	CARBON	2.7K	5%	1/4W	
40 ₾	1-249-405-51	CARBON	100	5%	1/4W	F	R1503	1-247-700-11	CARBON	100	5%	1/4W	
41	1-216-350-11	METAL OXIDE	1.2	5%	1W	F	R1504	1-249-435-11	CARBON	33K	5%	1/4W	
542	1-215-865-11	METAL OXIDE	220	5%	1W	F	R1505	1-249-441-11	CARBON	100K	5%	1/4W	
	1-249-382-51	CARBON	1.2	5%	1/4W	F	R1506	1-215-484-00	CARBON	430K	5%	1/4W	
44	1-215-869-11	METAL OXIDE	1K	5%	1W	F	R1507	1-249-433-11	CARBON	22K	5%	1/4W	
46	1-247-715-11	CARBON	1.5K	5%	1/4W		R1508	1-249-429-11	CARBON	10K	5%	1/4W	
551	1-216-432-00	METAL OXIDE	820	5%	1W	F	R1509	1-249-405-11	CARBON	100	5%	1/4W	
52	1-247-720-11	CARBON	3.9K	5%	1/4W		R1510	1-249-433-11	CARBON	22K	5%	1/4W	
	1-215-891-51	METAL OXIDE	680	5%	2W	F	R1511	1-247-881-00	CARBON	120K	5%	1/4W	
54	1-247-721-11	CARBON	4.7K	5%	1/4W			1-249-440-11	CARBON	82K	5%	1/4W	
57	1-247-725-11	CARBON	10K	5%	1/4W		R1513	1-249-423-11	CARBON	3.3K	5%	1/4W	
558	1-247-723-11	CARBON	6.8K	5%	1/4W			1-215-458-00		36K	5%	1/4W	
560	1-247-713-11	CARBON	1K	5%	1/4W		R1515		CARBON	100K	5%	1/4W	
61	1-247-708-11	CARBON	470	5%	1/4W			1-249-430-11	CARBON	12K	5%	1/4W	
62	1-247-704-11	CARBON	220	5%	1/4W			1-249-429-11	CARBON	10K	5%	1/4W	
63	1-247-704-11	CARBON	220	5%	1/4W		R1519	1-249-469-11	CARBON	100K	5%	1/4W	
	1-247-725-11	CARBON	10K	5%	1/4W		R1520	1-249-435-11	CARBON	33K	5%	1/4W	
564			101/	5%	1/4W		R1521	1-247-701-11	CARBON	120	5%	1 //11/	
565 566	1-249-429-11 1-247-725-11	CARBON CARBON	10K 10K	5%	1/4W			1-247-700-11		100	5%	1/4W 1/4W	

The components identified by In this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.



Ref.No. Part No.	Description			Remark	Ref.No. Part No.	Description		Remark
R1523 1-247-700-11 R1525 1-247-723-11 R1526 1-246-543-00 R1527 1-246-545-00 R1529 1-215-918-00	CARBON CARBON CARBON CARBON METAL OXIDE	100 5% 6.8K 5% 820K 5% 1M 5% 1.5K 5%	1/4W 1/4W 1/4W	F	R1580	CARBON 68K 5% CARBON 100K 5% CARBON 10K 5% CARBON 6.8K 5% CARBON 2.2K 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R1530 1-247-700-11 R1531 1-247-713-11 R1532 <u>1</u> -215-920-51 R1533 1-247-721-11 R1534 1-216-482-11	CARBON	100 5% 1K 5% 3.3K 5% 4.7K 5% 1.8K 5%	1/4W 3W 1/4W	F 1000 c	R1585	CARBON 1K 5% METAL OXIDE 3.3K 5% CARBON 33K 5% CARBON 33K 5% METAL 120K 1%	1/4W 1W 1/4W 1/4W 1/4W	F (159)
R1535 1-216-388-11 R1536 1-247-697-11 R1537 1-249-389-51 R1538 1-249-389-51 R1539 1-216-434-51	METAL OXIDE CARBON CARBON CARBON METAL OXIDE	0.82 5% 56 5% 4.7 5% 4.7 5% 1.8K 5%	1/4W 1/4W 1/4W	F F	R1593	METAL 150K 1% CARBON 5.6K 5% METAL 100K 1% METAL 9.1K 1% METAL 6.8K 1%	1/4W 1/4W 1/4W 1/4W 1/4W	
R1540 1-215-915-51 R1541 1-216-479-51 R1542 1-215-880-00 R1543 1-215-866-11	METAL OXIDE METAL OXIDE METAL OXIDE METAL OXIDE	470 5% 560 5% 10 5% 330 5%	3W 2W	F F F	RV501 1-228-717-00	RES, ADJ, CERAMIC CARBO		
R1544 \(\Lambda \) 1-216-448-51 R1545 \(1-247-693-11 \) R1546 \(\Lambda \) 1-216-373-91	METAL OXIDE	39 5% 27 5% 2.2 5%	2W 1/4W	F JOST 1		RES, ADJ, CERAMIC CARBO RES, ADJ, CERAMIC CARBO RES, ADJ, CERAMIC CARBO RES, ADJ, CERAMIC CARBO	ON 100K	
R1548 1-247-697-11 R1548 1-249-382-11 R1549 1-249-448-11	CARBON CARBON CARBON	56 5% 1.2 5% 1.2 5%	1/4W 1/4W	F F	RV508 1-228-724-00 RV509 1-228-724-00 RV1501 1-228-723-00 RV1503 1-228-720-00	RES, ADJ, CERAMIC CARBO RES, ADJ, CERAMIC CARBO RES, ADJ, CERAMIC CARBO RES, ADJ, CERAMIC CARBO	ON 10K ON 4.7K	
R1550 1-249-385-11 R1551 1-247-688-11 R1552 1-247-725-11 R1553 1-249-425-11 R1554 1-249-410-11	CARBON	2.2 5% 10 5% 10K 5% 4.7K 5% 270 5%	1/4W 1/4W 1/4W	F	RV1505 1-228-720-00 RV1506 1-228-727-00	RES, ADJ, CERAMIC CARBO RES, ADJ, CERAMIC CARBO RES, ADJ, CERAMIC CARBO	ON 1K ON 47K	
R1554 1-249-410-11	CARDUN	2/0 3/6	1/4W		1 200	RK GAP		
R1555 1-249-465-11	CARBON	47K 5%	1/4W		JPA!	KN GAP		
R1556 1-249-425-11 R1557 1-249-429-11 R1558 1-249-425-11	CARBON CARBON CARBON	4.7K 5% 10K 5% 4.7K 5%	1/4W 1/4W 1/4W		SG1501 1-519-063-XX	DISCHARGING GAP		
R1559 1-249-417-11	CARBON	1K 5%	1/4W		3 MAT 30			
R1560 1-215-452-00 R1561 1-214-746-00 R1562 1-247-713-11 R1563 1-247-718-11	METAL CARBON CARBON	1K 5% 2.7K 5%	1/4W 1/4W 1/4W	51/975 60/9 (A 60/5 A 10/1 (A	T1502 1-437-089-00 T1503A.1-439-356-11 T1513A.1-421-388-11	LOT	_ DRIVE	
R1564 1-249-405-11	CARBON	100 5%	1/4W	F	************	********	*****	******
R1565 1-249-433-11 R1566 1-249-439-11 R1567 1-249-435-11 R1568 1-247-713-11 R15711 1-249-448-51		68K 5%	1/4W 1/4W 1/4W	F	CON	NECTOD		
R1572 <u>A</u> 1-249-448-51 R1573 <u>A</u> 1-249-382-51 R1574 1-216-424-11	CARBON CARBON	1.2 5% 1.2 5% 39 5%	1/4W 1/4W	F	H4-11 *1-566-063-11 H4-12 *1-566-063-11	PIN, CONNECTOR 11P PIN, CONNECTOR 11P		
R1575 1-249-382-11 R1576 1-215-869-11	CARBON	1.2 5% 1K 5%	1/4W	F	No.			
R1577 1-249-425-11 R1578 1-202-723-00	CARBON SOL ID	4.7K 5% 2.2M 10	1/4W 1/2W	711	Mil g			
R1579 1-247-718-11	CARBON	2.7K 5%	1/4W		1			

The components identified by shading and mark A are critical for safety.

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Ref.No. Part No.	Description			Remark	Ref.No.	Part No.	Descriptio	n			Remark
*1-620-768-11	H6 BOARD				C3439	1-126-101-11 1-108-618-91	ELECT MYLAR	100MF 0.0022MI)%	16V 100V
CON	NECTOR				I C3443	1-126-101-11 1-124-462-00 1-126-101-11	ELECT ELECT	100MF 10MF 100MF	20 20 20)%	16V 16V 16V
H6-31 *1-566-059-11 H6-32 *1-566-060-11 H6-33 *1-566-062-11 H6-34 *1-566-062-11	PIN, CONNECT PIN, CONNECT PIN, CONNECT PIN, CONNECT	OR 8P OR 10P			C3463	1-123-820-00 1-101-004-00	ELECT	33MF 0.01MF	20)%	16V 50V
H6-35 *1-566-056-11	PIN, CONNECT					DIC	DDE				
H6-36 *1-566-054-11 H6-37 *1-566-054-11	PIN, CONNECT PIN, CONNECT					8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS1	.19			
*******	******	******	*****	*****	DOTESE	8-719-112-64 8-719-110-36	DIODE RD10	ES-T1B2			
*1-623-890-11	H5 BOARD				D3425	8-719-911-19					
<u>C 01</u>	NNECTOR				D3426	8-719-109-93 8-719-911-19	DIODE 1SS1	.19			
H5-1 *1-566-054-11 H5-2 *1-566-056-11					D3433 D3434	8-719-110-15 8-719-110-15	DIODE RDIO DIODE RDIO				
SW	ITCH				D3435 D3438	8-719-110-15 8-719-110-17					
S981 1-570-145-11 S982 1-570-145-11	SWITCH, SLID SWITCH, SLID					<u>1C</u>					
******			*****	*****		8-752-030-31	IC CXA1024	15			
+A 1272 000 A	UD DOLOD CO	OMOLETE				<u>CO</u>	IL				
*A-1373-058-A	*********				L3401	1-408-424-00	INDUCTOR	180UH			
CA	PACITOR					TRA	ANSISTOR				
C3414 1-124-464-11 C3415 1-124-464-11 C3416 1-124-464-11 C3417 1-124-464-11 C3418 1-124-464-11	ELECT ELECT ELECT ELECT	0.22MF 0.22MF 0.22MF 0.22MF 0.22MF	20% 20% 20% 20% 20%	50V 50V 50V 50V 50V	03431 03432 034332	8-729-900-36 8-729-178-54 8-729-178-54 \$8-729-101-37 8-729-178-54	TRANSISTOR TRANSISTOR	R 2SC2785 R 2SC2785 R 2SC2785TP	-F3		
C3419 1-124-464-11 C3420 1-101-004-00 C3421 1-124-462-00		0.22MF 0.01MF 10MF	20%	50V 50V 16V		8-729-178-54 8-729-117-54	TRANSISTOR TRANSISTOR				
C3422 1-124-462-00 C3423 1-101-004-00	ELECT	10MF 0.01MF	20%	16 V 50 V		RE	SISTOR				
C3424 1-108-833-00 C3425 1-108-837-00 C3426 1-108-845-00 C3427 1-108-833-00 C3428 1-108-833-00	MYLAR MYLAR MYLAR MYLAR	0.0047MF 0.01MF 0.047MF 0.0047MF 0.0047MF	10% 10% 10% 10%	50 V 50 V 50 V 50 V 50 V	R3352 R3353 R3354		CARBON CARBON CARBON	2.2K 10K 10K 100 100	5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
C3429 1-108-845-00 C3430 1-108-833-00 C3431 1-108-845-00 C3433 1-108-837-00 C3434 1-101-004-00	MYLAR MYLAR MYLAR MYLAR	0.047MF 0.0047MF 0.047MF 0.01MF 0.01MF	10% 10% 10% 10%	50 V 50 V 50 V 50 V 50 V	R3357 R3358 R3359	1-249-405-11 1-249-409-11 1-249-429-11 1-249-429-11 1-249-462-11	CARBON CARBON CARBON	100 220 10K 10K 22K	5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
C3435 1-124-236-00 C3436 1-124-247-00 C3437 1-101-004-00	ELECT	47MF 10MF 0.01MF	20% 20%	16V 25V 50V	R3361 R3363 R3364 R3365	1-247-704-11	CARBON CARBON	10K 220 220 220	5% 5% 5%	1/4W 1/4W 1/4W 1/4W	

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Ref.No	Part No.	Description				Remark	Ref.No.	Part No.	Descript	ion		Remark
R3366 R3367		CARBON CARBON	1K 1K	5% 5%	1/4W 1/4W		į	1-537-105-11	TERMINAL	BOARD, INPUT/	DUTPUT	
R3368		CARBON	1K	5%	1/4W		i	CAF	ACITOR			
R3369		METAL		1%	1/6W		i	<u> </u>	71027011			
R3370		CARBON	470	5%	1/4W		C2201	1-124-236-00	ELECT	47MF	20%	16V
							C2202	1-124-462-00	ELECT	10MF	20%	16V
R3371	1-249-413-11	CARBON	470	5%	1/4W		C2203	1-124-462-00		10MF	20%	16V
R3372	1-247-717-11	CARBON	2.2K	5%	1/4W		C2204	1-124-236-00	ELECT	47MF	20%	167
R3373	1-249-421-11	CARBON	2.2K	5%	1/4W		C2205	1-124-462-00		10MF	20%	167
R3374		CARBON	1M	5%	1/4W		i		2220.	2011	2010	101
R3375		CARBON	2.2K	5%	1/4W		C2206	1-124-462-00	ELECT	10MF	20%	16V
							C2207	1-124-236-00	ELECT	47MF	20%	167
Ŕ3376	1-249-421-11	CARBON	2.2K	5%	1/4W		I C2208	1-124-462-00	ELECT	10MF	20%	16V
R3377	1-249-421-11	CARBON	2.2K	5%	1/4W		C2209	1-124-236-00	ELECT	47MF	20%	16V
R3378	3 1-249-429-11	CARBON	10K	5%	1/4W			1-101-004-00	CERAMIC	0.01MF	2070	50V
R3379		CARBON	470	5%	1/4W		1		021111120	0.02111		501
R3380		CARBON	39K	5%	1/4W		C2211	1-124-236-00	ELECT	47MF	20%	16V
		Revise I II					C2212	1-123-622-00	ELECT	22MF	20%	16V
R3381	1-249-434-11	CARBON	27K	5%	1/4W		C2213	1-124-236-00	ELECT	47MF	20%	16V
R3382		CARBON	1K	5%	1/4W		C2214	1-101-004-00	CERAMIC	0.01MF	20/0	50V
R3383		CARBON	1K	5%	1/4W		C2215	1-124-462-00	ELECT	10MF	20%	16V
R3384		CARBON	10K	5%	1/4W		1			A Or II	L U /0	104
R3385		CARBON	1K	5%	1/4W		C2216	1-124-462-00	ELECT	10MF	20%	16V
		OTTITO OTT	- 13	0,0	-, .,,		C2232	1-136-161-00	FILM	0.047MF	5%	50V
R3386	1-249-405-11	CARBON	100	5%	1/4W		C2234	1-124-257-00	ELECT	2.2MF	20%	50V
R3387		CARBON	100	5%	1/4W		C2235	1-123-611-00	ELECT	1MF	20%	50V
R3388		CARBON	100	5%	1/4W		C2301	1-124-462-00	ELECT	10MF	20%	167
R3456		CARBON	22K	5%	1/4W		CESOI	1-124-402-00	LLLCI	10111	20/6	101
R3460		CARBON	56K	5%	1/4W		C2302	1-124-261-00	ELECT	10MF	20%	50V
110100	1 2 7 100 11	CAMBON	JOK	370	2/ 10			1-124-261-00	ELECT	10MF	20%	50V
R3461	1-249-427-11	CARBON	6.8K	5%	1/4W		1 C2304	1-124-261-00	ELECT	10MF	20%	50V
R3470		CARBON	220K	5%	1/4W		C2305	1-101-006-00	CERAMIC	0.047MF	20%	50V
R3492		CARBON	10K	5%	1/4W		C2306	1-136-153-00	FILM	0.047MF	Eo/	
R3493		CARBON	10K	5%	1/4W		1 62300	1-130-133-00	LILM	0.017	5%	50V
R3497		CARBON	56K	5%	1/4W		C2307	1-124-247-00	ELECT	10MF	20%	254
K3431	1-243-430-11	CARDON	JUN	3/0	1/4W		C2308	1-124-247-00		47MF		25 V
R3498	3 1-247-887-00	CARBON	220K	5%	1/4W		C2309	1-124-261-00	ELECT	10MF	20%	16V 50V
R3499		CARBON	100K		1/4W							
K3433	1-249-441-11	CARDUN	1000	3/0	1/4W			1-124-245-00	ELECT	4.7MF 0.01MF	20%	25 V
	VAD	IABLE RESISTOR					C2311	1-101-004-00	CERAMIC	0.01MF		50V
	VAN	TABLE RESISTOR					C2312	1-124-236-00	FLECT	47мг	20%	164
DN 330	1-228-993-00	RES, ADJ, CAR	RON A	7V			1 C2312		ELECT	47MF	20%	16V
								1-124-236-00	ELECT	47MF	20%	167
KV330	02 1-228-993-00	RES, AUJ, CAR	DUN 4.	/K			C2314	1-101-004-00	CERAMIC	0.01MF	E of	50V
	C OA	NECTOR					C2315	1-102-820-00	CERAMIC	330PF	5%	50V
	CON	NECTOR					C2316	1-101-004-00	CERAMIC	0.01MF		50V
UB1	*1 566 0E0 11	DIN CONNECTO	D 6D				1 (2217	1 102 007 00	CEDAMIC	4705	EN	504
	*1-566-058-11	PIN, CONNECTO					C2317	1-102-887-00	CERAMIC	47PF	5%	50V
UB2	*1-566-058-11	PIN, CONNECTO					C2318	1-102-887-00	CERAMIC	47PF	5%	50V
UB3	*1-566-054-11	PIN, CONNECTO						1-102-887-00	CERAMIC	47PF	5%	50V
UB4	*1-566-061-11	PIN, CONNECTO					C2320	1-101-004-00	CERAMIC	0.01MF		50V
UB6	*1-566-054-11	PIN, CONNECTO	K ZP				C2321	1-101-004-00	CERAMIC	0.01MF		50V
1107	+1 500 050 **	D. 141	n 7n				00111	1 104 100		100:-	0.7.	1.0
UB7	*1-566-059-11	PIN, CONNECTO					C3464	1-124-462-00		10MF	20%	16V
UB8	*1-566-057-11	PIN, CONNECTO					C3465	1-102-121-00	CERAMIC	0.0022MF	10%	50V
UB9	*1-566-055-11	PIN, CONNECTO					C3466	1-102-121-00		0.0022MF	10%	50V
UB10	*1-566-056-11	PIN, CONNECTO	R 4P				C3467	1-124-444-00		220MF	20%	100
							C3468	1-124-120-11	ELECT	220MF	20%	16V
*****	*********	*****	****	****	*****	*****		201		TRANS DOLL	10B BOI	11014
		We seemed to					C3469	1-124-444-00		220MF	20%	10V
	*A-1373-088-A	UA BOARD, COM					C3470	1-124-120-11	ELECT	220MF	20%	16V
		******	****				C3471	1-124-236-00	ELECT	47MF	20%	16V
							C3472	1-124-444-00	ELECT	220MF	20%	100
	1-537-044-11	TERMINAL BOAR	D TAIR	UIT /OI	ITDUT		C3473	1-123-661-00	ELECT	100MF	20%	6.3V



Ref.No. Part No.	Description	Remark	Ref.No.	Part No.	Description				Remark
D2305 8-719-911-19 D2308 8-719-911-19 D2309 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE RD7.5ES-B2		Q2320 Q2321 Q2322 Q2323 Q2324	8-729-178-54 8-729-178-54 8-729-178-54 8-729-178-54 8-729-900-36 8-729-178-54	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SC2785 2SC2785 2SC2785 DTC124ES			
D2313 8-719-110-37 D2314 8-719-911-19	DIODE RD7.5ES-B2 DIODE RD13ES-B3 DIODE 1SS119		Q2331 Q2332 	RES	TRANSISTOR TRANSISTOR ISTOR	DTC124ES 2SC2785 2SC2785			
D2316 8-719-911-19 D2317 8-719-911-19 D2321 8-719-109-93 D2322 8-719-109-65 D2323 8-719-109-65	DIODE 1SS119 DIODE 1SS119 DIODE RD6.2ES-B2 DIODE RD3.3ES-B1 DIODE RD3.3ES-B1		R2203 R2204 R2205	1-249-429-11 1-249-429-11 1-249-429-11 1-249-421-11 1-247-104-00	CARBON CARBON CARBON	10K 10K 10K 2.2K 75	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
D2324 8-719-109-95	DIODE RD6.8ES-B		R2215 R2227 R2228	1-247-717-11 1-247-895-00	CARBON CARBON CARBON CARBON	75 75 2.2K 470K	5%	1/4W 1/4W 1/4W 1/4W	
	IC LA7910 IC UPD4066BC IC UPD4052BC IC UPD4053BC IC SN74LS09N		R2230 R2231 R2232 R2233	1-249-417-11 1-249-441-11 1-247-891-00 1-247-891-00 1-215-487-00	CARBON CARBON CARBON CARBON	1 K 100 K 100 K 330 K 330 K 560 K	5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
IC2304 8-759-901-38 IC2305 8-759-901-36	IC SN74LS138N		R2235 R2236 R2237	1-247-891-00 1-247-891-00 1-247-891-00	CARBON CARBON CARBON	330K 330K 330K 330K 330K 82K	5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
Q2204 8-729-178-54 Q2205 8-729-178-54 Q2206 8-729-117-54 Q2207 8-729-178-54 Q2208 8-729-178-54	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785		R2240 R2241 R2242 R2246	1-249-429-11 1-249-429-11 1-249-393-11 1-249-417-11	CARBON CARBON CARBON CARBON	10K 10K 10 1K 330	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
Q2209 8-729-178-54 Q2210 8-729-178-54 Q2211 8-729-178-54 Q2219 8-729-178-54 Q2220 8-729-117-54	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SA1175		R2248 R2249 R2250 R2251 R2252	1-249-423-11 1-249-417-11 1-249-432-11 1-249-424-11 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	3.3K 1K 18K 3.9K 10K	5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
Q2303 8-729-178-54 Q2304 8-729-178-54 Q2307 8-729-178-54 Q2308 8-729-178-54 Q2311 8-729-178-54	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785		R2253 R2254 R2272 R2273	1-249-423-11 1-249-417-11 1-249-419-11 1-249-429-11 1-249-429-11	CARBON CARBON CARBON CARBON	3.3K 1K 1.5K 10K 10K	5%	1/4W 1/4W 1/4W 1/4W 1/4W	
Q2312 8-729-178-54 Q2313 8-729-178-54 Q2314 8-729-178-54 Q2315 8-729-178-54 Q2316 8-729-900-36	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR DTC124ES		R2276 R2277 R2278	1-249-421-11 1-249-429-11 1-249-417-11 1-249-429-11 1-249-441-11	CARBON CARBON CARBON CARBON CARBON	2.2K 10K 1K 10K 100K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
Q2317 8-729-900-36 Q2318 8-729-117-54	TRANSISTOR DTC124ES TRANSISTOR 2SA1175			1-249-405-11 1-249-429-11		100 10K	5% 5%	1/4W 1/4W	



Ref.No. Part No.	Description		Remark	Ref.No.	Part No.	Description			Remark
R2282 1-247-891-00 R2283 1-247-891-00 R2302 1-247-704-11 R2304 1-247-704-11 R2306 1-247-704-11	CARBON 330K CARBON 330K CARBON 220 CARBON 220 CARBON 220			R2387 R2388 R2389 R2390 R2391	1-249-417-11 1-249-429-11 1-249-417-11 1-247-717-11 1-247-717-11	CARBON CARBON CARBON CARBON CARBON	1K 5% 10K 5% 1K 5% 2.2K 5% 2.2K 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R2307 1-247-713-11 R2308 1-215-493-00 R2314 1-249-417-11 R2325 1-249-417-11 R2327 1-249-417-11	CARBON 1 K CARBON 1 M CARBON 1 K CARBON 1 K CARBON 1 K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W		R2392 R2393 R2417 R2418	1-247-104-00 1-247-104-00 1-249-401-11 1-249-401-11	CARBON CARBON CARBON CARBON	75 5% 75 5% 47 5% 47 5%	1/4W 1/4W 1/4W 1/4W	
R2337 1-249-417-11 R2340 1-249-424-11 R2344 1-249-417-11 R2345 1-247-725-11 R2346 1-249-429-11	CARBON 1K CARBON 3,9K CARBON 1K CARBON 10K CARBON 10K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W		 S2001 S2002 S2003 S2004	SWI 1-570-145-11 1-570-145-11 1-570-145-11 1-570-145-11	SWITCH, SLIDE SWITCH, SLIDE SWITCH, SLIDE SWITCH, SLIDE	62 A.J		
R2349 1-249-428-11 R2350 1-249-427-11 R2351 1-249-417-11 R2352 1-249-434-11 R2353 1-249-433-11	CARBON 8.2K CARBON 6.8K CARBON 1K CARBON 27K CARBON 22K			UA2	*1-566-058-11 *1-566-058-11 *1-566-056-11 *1-566-057-11	PIN, CONNECTO PIN, CONNECTO PIN, CONNECTO PIN, CONNECTO	OR 6P OR 4P		
R2354 1-247-725-11 R2355 1-249-419-11 R2356 1-247-698-11 R2357 1-247-717-11 R2358 1-215-468-00	CARBON 10K CARBON 1,5K CARBON 68 CARBON 2,2K CARBON 91K	5% 1/4W		UA5 UA6 UA8 UA11	*1-508-767-00 *1-566-057-11 *1-566-054-11 *1-508-784-00	PIN, CONNECTO PIN, CONNECTO PIN, CONNECTO PIN, CONNECTO 1P PLUG	OR 5P OR 2P		
R2359 1-249-434-11 R2360 1-249-428-11 R2361 1-249-421-11 R2362 1-249-429-11 R2363 1-249-405-11	CARBON 27K CARBON 8.2K CARBON 2.2K CARBON 10K CARBON 100			UA15 UA16 UA17	*1-566-057-11 *1-566-055-11 *1-566-054-11	PIN, CONNECTO PIN, CONNECTO PIN, CONNECTO	OR 3P OR 2P	****	
R2364 1-249-421-11 R2365 1-249-425-11 R2366 1-247-721-11 R2367 1-247-704-11 R2368 1-249-425-11	CARBON 2.2K CARBON 4.7K CARBON 4.7K CARBON 220 CARBON 4.7K	5% 1/4W 5% 1/4W 5% 1/4W			*A-1375-069-A	H3 BOARD, COM ************************************	MPLETE		
R2369 1-249-433-11 R2370 1-249-437-11 R2371 1-249-429-11 R2372 1-249-422-11 R2373 1-249-428-11	CARBON 22K CARBON 47K CARBON 10K CARBON 2.7K CARBON 8.2K			C971 C972 C973 C974 C981	1-108-830-00 1-130-481-00 1-108-837-00 1-124-462-00 1-130-487-00	MYLAR MYLAR MYLAR ELECT MYLAR	0.0027MF 0.0068MF 0.01MF 10MF 0.022MF	10% 10% 10% 20% 5%	50V 50V 50V 16V 50V
R2374 1-249-423-11 R2375 1-249-421-11 R2376 1-249-425-11 R2377 1-249-425-11 R2378 1-249-425-11	CARBON 3.3k CARBON 2.2k CARBON 4.7k CARBON 4.7k CARBON 4.7k	5% 1/4W 5% 1/4W 5% 1/4W		C990 C991	1-124-462-00 1-124-462-00	ELECT ELECT DDE	10MF 10MF	20% 20%	16V 16V
R2379 1-247-700-11 R2380 1-247-721-11 R2381 1-247-721-11 R2382 1-249-421-11	CARBON 100 CARBON 4.7k CARBON 4.7k CARBON 2.2k	5% 1/4W 3 5% 1/4W 5% 1/4W 5% 1/4W		D971 D981 D982	8-719-911-19 8-719-109-97	DIODE RD5.1ES DIODE 1SS119 DIODE RD6.8ES	S-B2		
R2384 1-249-421-11 R2384 1-249-421-11 R2385 1-249-421-11 R2386 1-249-417-11		< 5% 1/4W		H3-3	*1-566-054-11 *1-566-057-11 *1-566-054-11 *1-566-055-11	PIN, CONNECTO	OR 2P OR 5P OR 2P		

H3



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Ref.No.	Part No.	Description		Remark	Ref.No.	Part No.	Description			Remark
	*1-566-055-11 *1-566-055-11	PIN, CONNECTOR 3P PIN, CONNECTOR 3P				CAP	ACITOR			
	<u>11</u>				C201 C202	1-124-270-11 1-124-270-11	ELECT	0.47MF 0.47MF	20%	50V 50V
	8-759-933-23 8-759-171-05	IC BA236 IC UPC7805H			C203 C204 C205	1-124-126-00 1-124-126-00 1-108-850-11	ELECT ELECT MYLAR	47MF 47MF 0.12MF	20% 20% 10%	16V 16V 50V
	COI	L			C206	1-102-125-00	CERAMIC	0.0047MF	10%	50V
L990	1-408-424-00	INDUCTOR 180U	Н		C207 C208 C209	1-102-125-00 1-108-850-11	CERAMIC MYLAR	0.0047MF 0.12MF	10% 10%	50V 50V
	TRA	NSISTOR			C210	1-124-038-00 1-124-045-00	ELECT ELECT	1MF 4.7MF	20% 20%	50V 50V
Q971 Q981 Q982 Q990	8-729-178-54 8-729-178-54 8-729-178-54 8-729-178-54	TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785 TRANSISTOR 2SC2785			C211 C212 C213 C213 C218	1-124-045-00 1-124-045-00 1-124-041-91 1-123-985-81 1-126-101-11	ELECT ELECT ELECT ELECT ELECT	4.7MF 4.7MF 220MF 1000MF 100MF	20% 20% 20% 20% 20%	50V 50V 16V 16V 16V
	RES	ISTOR			C220					
R977 R978 R979 R980 R981	1-249-433-11 1-249-433-11 1-249-429-11 1-249-408-11 1-249-405-11	CARBON 22K CARBON 22K CARBON 10K CARBON 180 CARBON 100	5% 1/ 5% 1/ 5% 1/ 5% 1/ 5% 1/	1 W 4 W 4 W 4 W	C220 C221 C222 C223 C224	1-123-379-00 1-123-379-00 1-162-283-31 1-162-283-31 1-124-034-91	ELECT ELECT CERAMIC CERAMIC ELECT	0.47MF 0.47MF 120PF 120PF 33MF	20% 20% 10% 10% 20%	50V 50V 50V 50V 16V
R982	1-249-432-11	CARBON 18K	5% 1/		C225 A	1-124-474-91	ELECT MYLAR	47MF	20%	16V
R983 R984 R985	1-249-427-11 1-249-417-11 1-249-418-11	CARBON 6.8K CARBON 1K CARBON 1.2K	5% 1/5% 1/5% 1/5% 1/	1 W 1 W	C228 C229 C230	1-130-493-00 1-123-379-00 1-123-379-00 1-162-283-31	ELECT ELECT CERAMIC	0.1MF 0.47MF 0.47MF 120PF	10% 20% 20% 10%	50V 50V 50V 50V
R986	1-249-420-11	CARBON 1.8K	5% 1/	4W	C231	1-162-283-31	CERAMIC	120PF	10%	50V
R987 A R991 R992 R993 R994	1-249-397-51 1-249-417-11 1-249-434-11 1-249-434-11 1-249-438-11	CARBON 22 CARBON 1 K CARBON 27 K CARBON 27 K CARBON 56 K	5% 1/ 5% 1/ 5% 1/ 5% 1/ 5% 1/	4W 4W 4W	C232 C233 C235 C236	1-124-034-91 1-124-477-11 1-130-495-00 1-124-471-00	ELECT ELECT MYLAR ELECT	33MF 47MF 0.1MF 1000MF	20% 20% 10% 20%	16V 16V 50V 6.3V
R995 R996 R997 R998	1-249-437-11 1-249-399-11 1-249-421-11 1-249-429-11	CARBON 47K CARBON 33 CARBON 2.2K CARBON 10K	5% 1/ 5% 1/ 5% 1/ 5% 1/ 5% 1/	4 W 4 W 4 W	C237 C238 C239 C240 C241	1-102-074-00 1-102-074-00 1-101-006-00 1-101-006-00 1-101-006-00	CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC	0.001MF 0.001MF 0.047MF 0.047MF 0.047MF	10% 10%	50V 50V 50V 50V 50V
	VAR	IABLE RESISTOR			C242	1-125-296-00	ELECT(BLOCK)	4700MF		35 V
RV972 RV973 RV974	1-228-725-00 1-237-348-11 1-237-349-11	RES, ADJ, CERAMIC C RES, VAR, CARBON 5K RES, VAR, CARBON 10			C243 C246 C251 C252	1-125-296-00 1-123-356-00 1-123-356-00 1-123-875-11	ELECT(BLOCK) ELECT ELECT ELECT		20% 20% 20%	35 V 16 V 16 V 50 V
	SWI	TCH				DIC	DDE			
\$972 \$973	1-570-758-11	SWITCH, ROTARY SWITCH, ROTARY	*****	*****	D202	8-719-111-99 8-719-911-19 8-719-110-36 8-719-112-90	DIODE 1SS119 DIODE RD13ES	-B2		
	*A-1380-189-A	K BOARD, COMPLETE				IC				
	4-309-378-00	******			1 IC2042	8-759-276-30 \$8-759-111-88 \$8-759-111-88	IC TA7630P IC UPC1188H IC UPC1188H	7 07 91.2 - 54 3888.3 - 74		2.5 2.5 1.5

The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.

PVM-2530 RM-739



Ref.No	. Part No.	Description	n			Remark	Ref.No.	Part No.	Description				Remar
CONNECTOR							R252	1-249-419-11 1-249-423-11	CARBON CARBON	1.5K 3.3K		1/4W 1/4W	
K1	*1-566-059-11	PIN, CONNE	CTOR 7P										
K2	*1-508-767-00	5P PLUG					*****	******	******	*****	*****	****	*****
K3	*1-566-056-11	PIN, CONNE						+0 000 000 01	UO DOARD (KEW	DOADD	HALTT		
K4 K5	*1-566-054-11 *1-508-765-00	PIN, CONNE						*9-990-890-01	H2 BOARD (KEY			A)	
	<u>C01</u>	<u>L</u>						DIO	DE				
L201	1-408-424-00	INDUCTOR	1800	н			D901	8-719-911-19	DIODE 1SS119				
LLUI	1-400-424-00	INDUCTOR					D902	8-719-911-19	DIODE 1SS119				
	TRA	ANSISTOR					D903	8-719-911-19	DIODE 1SS119				
							D904	8-719-911-19	DIODE 1SS119				
Q201	8-729-178-54	TRANSISTOR					D905	8-719-911-19	DIODE 1SS119				
Q204	8-729-178-54	TRANSISTOR					0006	0 710 011 10	D. C. C. 1 C. C. L. C. C. C. C. C. C. C. C. C. C. C. C. C.				
Q205	8-729-178-54	TRANSISTOR					D906	8-719-911-19	DIODE 1SS119				
Q206	8-729-117-54	TRANSISTOR					D907	8-719-911-19	DIODE 1SS119				
Q209	8-729-117-54	TRANSISTOR	2 SA11/5				D908	8-719-911-19 9-990-893-01	DIODE 1SS119				
0211	8-729-177-43	TRANSISTOR	250774				D910	9-990-893-01	LED TLY263P LED TLY263P				
4-11	5 , 25 - 1, , - 45		200,74					3 330 033-01	CED TETEODY				
	RES	SISTOR					D911	9-990-893-01	LED TLY263P				
							D912	9-990-893-01	LED TLY263P				
R201	1-249-441-11	CARBON	100K	5%	1/4W		D913	9-990-893-01	LED TLY263P				
R202	1-249-441-11	CARBON	100K	5%	1/4W		D914	9-990-893-01	LED TLY263P				
R203	1-249-419-11	CARBON	1.5K	5%	1/4W		D915	9-990-893-01	LED TLY263P				
R204	1-249-429-11	CARBON	10K	5%	1/4W		D016	0.000.000.01	. 50 7. 40600				
R205	1-249-429-11	CARBON	10K	5%	1/4W		D916	9-990-893-01	LED TLY263P				
R206	1-249-429-11	CARRON	10K	5%	1/4W		D917	9-990-893-01 9-990-893-01	LED TLY263P LED TLY263P				
R207	1-249-419-11	CARBON CARBON	1.5K	5%	1/4W		D919	9-990-893-01	LED TLY263P				
R208	1-249-419-11	CARBON	1.5K	5%	1/4W		D920	9-990-893-01	LED TLY263P				
R211	1-249-415-11	CARBON	680	5%	1/4W			3 330 030 01	CEO TETEGOT	8117			
R221	▲ 1-249-403-51	CARBON	68	5%	1/4W	F	D921	9-990-893-01	LED TLY263P				
							D922	9-990-893-01	LED TLY263P				
R222	1-249-429-11	CARBON	10K	5%	1/4W		D923	9-990-893-01	LED TLY263P				
R223	1-249-433-11	CARBON	22K	5%	1/4W		D924	9-990-893-01					
R224	1-249-437-11	CARBON	47K	5%	1/4W		D925	9-990-893-01	LED TLY263P				
R225	1-249-409-11	CARBON	220	5%	1/4W		1 0000	0 000 003 01	LED TIVOCAD				
R227	1-249-430-11	CARBON	12K	5%	1/4W		D926	9-990-893-01	LED TLY263P				
R228	1-249-390-11	CARBON	5.6	5%	1/4W	F	D927	9-990-893-01 9-990-893-01	LED TLY263P LED TLY263P				
R229	1-249-430-11	CARBON	12K	5%	1/4W	,	D929	9-990-893-01	LED TLY263P				
R230	1-249-433-11	CARBON	22K	5%	1/4W		D930	9-990-893-01	LED TLY263P				
R231	1-249-438-11	CARBON	56K	5%	1/4W								
R232	1-249-409-11	CARBON	220	5%	1/4W		D931	9-990-893-01	LED TLY263P				
R234	1-249-430-11	CARBON	12K	5%	1/4W		1	RES	SISTOR				
	A 1-249-390-51	CARBON	5.6	5%	1/4W	F	i	<u> </u>					
R236	1-249-429-11	CARBON	10K	5%	1/4W		R901	1-247-700-11		100	5%	1/4W	
R237	1-249-429-11	CARBON	10K	5%	1/4W		R902	1-247-700-11		100	5%	1/4W	
R238	1-249-423-11	CARBON	3.3K	5%	1/4W		R903	1-247-700-11	CARBON	100	5%	1/4W	
0030	1 040 437 11	CARRON	A 712	F~	1 / 41 -		R904	1-247-700-11	CARBON	100	5%	1/4W	
R239	1-249-437-11	CARBON	47K	5%	1/4W		R905	1-247-700-11	CARBON	100	5%	1/4W	
R240	1-249-430-11	CARBON	12K	5%	1/4W		1 0006	1 247 700 11	CARRON	100	E9/	1 //1.	
R241	1-249-441-11	CARBON	100K	5%	1/4W		R906	1-247-700-11 1-247-700-11	CARBON	100	5% 5%	1/4W 1/4W	
R242 R243	1-249-429-11 1-249-425-11	CARBON	10K 4.7K	5% 5%	1/4W 1/4W		R907 R908	1-247-700-11	CARBON CARBON	100	5% 5%	1/4W 1/4W	
K243	1-243-423-11	CARBON	4.//	J /6	1/4W		R909	1-247-700-11	CARBON	100	5%	1/4W	
R244	1-249-417-11	CARBON	1K	5%	1/4W		R910	1-247-700-11		100	5%	1/4W	
R245	1-249-417-11	CARBON	1K	5%	1/4W				-tmexit			-,	
	1-249-417-11	CARBON	1K	5%	1/4W		R911	1-247-700-11	CARBON	100	5%	1/4W	

The components identified by shading and mark ♠ are critical for safety. Replace only with part number specified.







Ref.No. Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark	
R912 1-247-700-11 R913 1-247-700-11 R914 1-247-700-11 R915 1-247-700-11 R916 1-247-700-11	CARBON CARBON CARBON	100 100 100 100 100	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		D957 D958 D959 D960 D961	9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01 9-990-893-01	LED TLY263P LED TLY263P LED TLY263P LED TLY263P LED TLY263P					
R917 1-247-700-11 R918 1-247-700-11		5% 5%	1/4W 1/4W			RES	ISTOR						
R919 1-247-700-11 R920 1-247-700-11 R921 1-247-700-11	CARBON CARBON	100 100 100 100	5% 5% 5%	1/4W 1/4W 1/4W		R935 R937 R938 R939	1-247-703-11 1-247-714-11 1-247-700-11 1-247-700-11	CARBON CARBON CARBON	180 1.2K 100	5% 5% 5%	1/4W 1/4W 1/4W		
R922 1-247-700-11 R923 1-247-700-11		100 100	5% 5%	1/4W 1/4W		R940	1-247-700-11	CARBON CARBON	100 100	5% 5%	1/4W 1/4W		
SW	SWITCH					R941 R942	1-247-700-11 1-247-700-11	CARBON CARBON	100 100	5% 5%	1/4W 1/4W		
	1-553-766-00 MT SWITCH (KEY BOARD SWITCH)					R943 R944 R945	1-247-700-11 1-247-700-11 1-247-700-11	CARBON CARBON CARBON	100 100 100	5% 5% 5%	1/4W 1/4W 1/4W		
\$904 1-553-766-00 \$905 1-553-766-00	MT SWITCH (KEY	Y BOARE	SWIT	CH)		R946	1-247-700-11 1-247-700-11	CARBON CARBON	100 100	5% 5%	1/4W 1/4W		
\$906 1-553-766-00 \$907 1-553-766-00	MT SWITCH (KEY	Y BOAR	SWIT	CH)		R948 R949 R950	1-247-700-11 1-247-700-11 1-247-700-11	CARBON CARBON CARBON	100 100 100	5% 5% 5%	1/4W 1/4W 1/4W		
\$908 1-553-766-00 \$909 1-553-766-00 \$910 1-553-766-00	MT SWITCH (KEY	Y BOARD	SWIT	CH)		R951	1-247-700-11	CARBON	100	5%	1/4W		
	1 333 TO SWITCH (KET BOARD SWITCH)						SWITCH						
\$911 1-553-766-00 \$912 1-553-766-00 \$913 1-553-766-00 \$913 1-553-766-00 \$915 1-553-766-00	MT SWITCH (KEY MT SWITCH (KEY MT SWITCH (KEY	Y BOARI Y BOARI Y BOARI	SWIT SWIT SWIT	CH) CH) CH)		S935 S936 S937 S938	1-553-766-00 1-553-766-00 1-553-766-00) MT SWITCH (KEY BOARD SWITCH)) MT SWITCH (KEY BOARD SWITCH)					
*******	******	*****	****	*****	*****	S939	1-553-766-00	MT SWITCH (KE	Y BOAR	D SWI	TCH)		
*9-990-897-01	*****	BOARD	UNIT	B)		S940 S941 S942 S943	1-553-766-00 1-553-766-00 1-553-766-00 1-553-766-00	MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE MT SWITCH (KE	Y BOAR Y BOAR	D SMI.	TCH) TCH)		
DI	ODE						****	*****					
D935 8-719-911-19 D936 8-719-911-19 D937 8-719-911-19 D938 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119					į	*9-990-898-01	N BOARD (KEY				*****	
D939 8-719-911-19	DIODE 1SS119						10						
D940 8-719-911-19 D941 8-719-911-19	DIODE 1SS119							IC BX1387 (DE					
D944 9-990-901-01 D946 9-990-901-01	LED TLS263P LED TLS263P					******	******	*****	*****	****	*****	*****	
	LED TLY263P							CELLANEOUS					
D949 9-990-893-01 D950 9-990-893-01 D951 9-990-893-01 D952 9-990-893-01 D953 9-990-893-01	LED TLY263P LED TLY263P					A	1-452-032-00	DEFLECTION YOU MAGNET, DISK;	TIZATI OKE (SY 10MM	ON (-164)			
D954 9-990-893-01 D955 9-990-893-01 D956 9-990-893-01						A	1-452-146-21	MAGNET, ROTAT MAGNET, BMC NECK ASSY, CF			Ø MMC I		
3111 1 370 030-01						215	* T-42C-33T-5C	HELL MOST, UM	CHAS	102)			

The components identified by shading and mark are critical for safety. Replace only with part number specified.

Ref.No. Part No.	Description	Remark
1-464-747-11 1-464-748-11 A. 1-526-920-12 A. 1-557-970-11	KEY BOARD UNIT (A) KEY BOARD UNIT (B) AC OUTLET (WITH EARTH) CORD. POWER	
R1901 A. 1-205-904-11 S1901 A. 1-554-966-12 S1902 A. 1-570-757-11 T604 A. 1-439-339-14 V901 A. 8-736-652-05	RES, CEMENT WIREWOUND 1 5 SWITCH, PUSH (AC POWER)(1 K SWITCH, PUSH (DEGAUSS SWITC TRANSFORMER ASSY, FLYBACK PICTURE TUBE (A64JKJ10X)	EY)

ACCESSORIES AND PACKING MATERIALS

Part No.	Description	Remark
A-1470-783-A 1-566-316-11 *4-371-192-01 *4-380-432-01 *4-382-051-01	COMMANDER ASSY (RM-739) CONNECTOR, CONVERSION CUSHION (FRONT) BAG, PROTECTION CUSHION (LOWER) (ASSY)	
*4-382-053-01 *4-385-609-01 *4-385-610-01 4-482-344-25	CUSHION (UPPER) (ASSY) INDIVIDUAL CARTON (FOR DARK GRAY) INDIVIDUAL CARTON (FOR LIGHT GRAY MANUAL, INSTRUCTION)

The components identified by shading and mark Aare critical for safety.

Replace only with part number specified.

Les composants identifiés par une trame et une marque∱sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

> T.C. Corp 10 North Main St Wharton NJ 07885 www.servicemanuals.net

Sony Corporation
TV Group

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